






## SHEN ZHEN ZHAOXIN ELECTRONIC INSTRUMENT EQUIPMENT LIMITED

*The New Catalog 2013*















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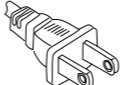
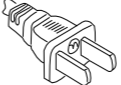
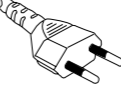
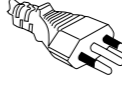

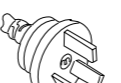




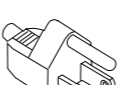
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## ICON EXPLANATION

|   |  |   |  |   |   |
|---|--|---|--|---|---|
|    | <b>Current-limiting Protection</b><br>Current-limiting protection: No matter how the load change (even short circuit) the output current will not greater than preset value. |    | <b>Intelligent temperature-controlled fan</b><br>Intelligent temperature-controlled fan: When the internal temperature is over 45°C, the fan automatic cooling     |    | <b>Temperature Adjustment</b><br>Temperature adjustment: The temperature is adjustable.           |
|   | <b>Over-voltage Protection</b><br>Over-voltage protection: When the output voltage greater than preset over-voltage value, the output cut-off protection.                    |   | <b>Reverse Polarity Protection</b><br>Reverse Polarity protection: When output terminal has reverse polarity voltage, the power supply reverse polarity protection |   | <b>SMT</b><br>SMT : Surface-mount product.  |
|  | <b>Low-voltage Protection</b><br>Low-voltage protection: When input voltage lower than 25%, the output cut-off protection.   |  | <b>Open-phase Protection</b><br>Open-phase protection: When input voltage (three-phase AC380V) lack of a phase, the output cut-off protection.                     |  | <b>Preset Function</b><br>Preset function: Voltage and current can be preset (optional function). |
|  | <b>Over-temperature Protection</b><br>Over-temperature protection: When the internal temperature is over 80°C, the output cut-off protection.                                |  | <b>Anti-static Function</b><br>Anti-static Function: The product is made up by anti-static materials.  |  | <b>Three-phase Input</b><br>Three-phase input: Three-phase AC 380V input.                         |

## AVAILABLE PLUGS

| Plug Type   | Applicable | Country / Area         |
|---|------------|------------------------|
|  CAP 220V    | 220V       | China                  |
|  AP 110-220V | 110-220V   | Asia                   |
|  CP 220-240V | 220-240V   | Asia                   |
|  IP 220V     | 220V       | Italy                  |
|  BS 220-240V | 220-240V   | Hong Kong / G.B.       |
|  CG 220V     | 220V       | China                  |
|  IRAM 220V   | 220V       | Argentina              |
|  GP 220-240V | 220-240V   | Europe                 |
|  KP 220V     | 220V       | Korea                  |
|  SP 240V     | 240V       | Australia, New Zealand |
|  AG 110-240V | 110-240V   | USA                    |

■ According to the customer's requirements customized various specifications of the power supply

# ZHAOXIN® RXN Series Linear DC Power Supply



**Introduction** RXN series is linear DC regulated power supply. The output voltage and output current are continuously adjustable from 0 to rated value. Constant voltage and constant current can automatic switching. It has perfect protection circuit, excellent electrical characteristics and widely used in many industries.

- Features**
- Single channel output
  - Front/behind output terminal
  - Internal radiator and intelligent temperature-controlled fan
  - LED /Pointer meter display output voltage and output current

**Protection Function** Current-limiting protection  
Short-circuit protection  
Reverse polarity protection

**User** The automotive industry, electronics industry, communications industry, digital products, research institutes, educational institutions



CE Current-limiting Protection Reverse Polarity Protection

| Model           | RXN-1502A   | RXN-1503A   | RXN-1505A   |
|-----------------|-------------|-------------|-------------|
| Voltage Output  | 0-15V       | 0-15V       | 0-15V       |
| Current Output  | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 1.75kg      | 2.22kg      | 2.9kg       |
| Dimensions (mm) | 200×127×155 | 200×127×155 | 200×127×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required)                                     |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV<br>Load stability ≤0.01%+2mV<br>Ripple & noise ≤1mVrms (effective value) |
| Constant Current Operation | Current stability ≤0.1%+3mA<br>Load stability ≤0.2%+3mA<br>Ripple & noise ≤2mArms (effective value)   |
| Voltage Display Precision  | Pointer meter ±2.5%   |
| Current Display Precision  | Pointer meter ±2.5%   |



CE Current-limiting Protection Reverse Polarity Protection

| Model           | RXN-1502D   | RXN-1503D   | RXN-1505D   |
|-----------------|-------------|-------------|-------------|
| Voltage Output  | 0-15V       | 0-15V       | 0-15V       |
| Current Output  | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 1.75kg      | 2.22kg      | 2.9kg       |
| Dimensions (mm) | 200×127×155 | 200×127×155 | 200×127×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required)                                     |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV<br>Load stability ≤0.01%+2mV<br>Ripple & noise ≤1mVrms (effective value) |
| Constant Current Operation | Current stability ≤0.1%+3mA<br>Load stability ≤0.2%+3mA<br>Ripple & noise ≤2mArms (effective value)   |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word   |
| Current Display Precision  | 3 digit LED display: ±1%±1 word   |
| Display Resolution         | Voltage 0.1V Current 0.01A  |



CE Current-limiting Protection Reverse Polarity Protection

| Model           | RXN-3002A   | RXN-3003A   | RXN-3005A   |
|-----------------|-------------|-------------|-------------|
| Voltage Output  | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 3.16kg      | 3.28kg      | 4.27kg      |
| Dimensions (mm) | 278×126×154 | 278×126×154 | 278×126×154 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required)                                     |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV<br>Load stability ≤0.01%+2mV<br>Ripple & noise ≤1mVrms (effective value) |
| Constant Current Operation | Current stability ≤0.1%+3mA<br>Load stability ≤0.2%+3mA<br>Ripple & noise ≤2mArms (effective value)   |
| Voltage Display Precision  | Pointer meter ±2.5%   |
| Current Display Precision  | Pointer meter ±2.5%   |





| Model                      | RXN-202A  | RXN-302A    | RXN-303A    | RXN-305A    | RXN-1510A   |
|----------------------------|---|-------------|-------------|-------------|-------------|
| Voltage Output             | 0-20V   | 0-30V       | 0-30V       | 0-30V       | 0-15V       |
| Current Output             | 0-2A  | 0-2A        | 0-3A        | 0-5A        | 0-10A       |
| Weight                     | 2.86kg  | 2.9kg       | 3.28kg      | 4.76kg      | 5.1kg       |
| Dimensions (mm)            | 278×126×154   | 278×126×154 | 278×126×154 | 278×126×154 | 278×126×154 |
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required) |             |             |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%                       |             |             |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%                       |             |             |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                                      |             |             |             |             |
|                            | Load stability ≤0.01%+2mV   |             |             |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)                          |             |             |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                                       |             |             |             |             |
|                            | Load stability ≤0.2%+3mA  |             |             |             |             |
|                            | Ripple & noise ≤2mArms (effective value)                          |             |             |             |             |
| Voltage Display Precision  | Pointer meter ±2.5%   |             |             |             |             |
| Current Display Precision  | Pointer meter ±2.5%   |             |             |             |             |



| Model                      | RXN-1520A   | RXN-3010A   | RXN-3020A   |
|----------------------------|---|-------------|-------------|
| Voltage Output             | 0-15V   | 0-30V       | 0-30V       |
| Current Output             | 0-20A   | 0-10A       | 0-20A       |
| Weight                     | 8.2kg   | 7.0kg       | 11.9kg      |
| Dimensions (mm)            | 366×198×158   | 366×198×158 | 366×198×158 |
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required) |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%                       |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%                       |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                                      |             |             |
|                            | Load stability ≤0.01%+2mV   |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)                          |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                                       |             |             |
|                            | Load stability ≤0.2%+3mA  |             |             |
|                            | Ripple & noise ≤2mArms (effective value)                          |             |             |
| Voltage Display Precision  | Pointer meter ±2.5%   |             |             |
| Current Display Precision  | Pointer meter ±2.5%   |             |             |



| Model                      | RXN-202D  | RXN-302D    | RXN-303D    | RXN-305D    |
|----------------------------|---|-------------|-------------|-------------|
| Voltage Output             | 0-20V   | 0-30V       | 0-30V       | 0-30V       |
| Current Output             | 0-2A  | 0-2A        | 0-3A        | 0-5A        |
| Weight                     | 2.7kg   | 2.84kg      | 3.6kg       | 4.7kg       |
| Dimensions (mm)            | 278×126×154   | 278×126×154 | 278×126×154 | 278×126×154 |
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required) |             |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%                       |             |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%                       |             |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                                      |             |             |             |
|                            | Load stability ≤0.01%+2mV   |             |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)                          |             |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                                       |             |             |             |
|                            | Load stability ≤0.2%+3mA  |             |             |             |
|                            | Ripple & noise ≤2mArms (effective value)                          |             |             |             |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |             |             |
| Current Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |             |             |
| Display Resolution         | Voltage 0.1V Current 0.01A  |             |             |             |



| Model                      | RXN-1520D   | RXN-3010D   |
|----------------------------|---|-------------|
| Voltage Output             | 0-15V   | 0-30V       |
| Current Output             | 0-20A   | 0-10A       |
| Weight                     | 7.6kg   | 7.6kg       |
| Dimensions (mm)            | 366×198×158   | 366×198×158 |
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required) |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%                       |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%                       |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                                      |             |
|                            | Load stability ≤0.01%+2mV   |             |
|                            | Ripple & noise ≤1mVrms (effective value)                          |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                                       |             |
|                            | Load stability ≤0.2%+3mA  |             |
|                            | Ripple & noise ≤2mArms (effective value)                          |             |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |
| Current Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |
| Display Resolution         | Voltage 0.1V Current 0.1A   |             |



| Model                      | RXN-602D  | RXN-603D    | RXN-605D    | RXN-1510D   |
|----------------------------|---|-------------|-------------|-------------|
| Voltage Output             | 0-60V   | 0-60V       | 0-60V       | 0-15V       |
| Current Output             | 0-2A  | 0-3A        | 0-5A        | 0-10A       |
| Weight                     | 4.4kg   | 5.1kg       | 6.4kg       | 5.1kg       |
| Dimensions (mm)            | 278×126×154   | 278×126×154 | 278×126×154 | 278×126×154 |
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required) |             |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%                       |             |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%                       |             |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                                      |             |             |             |
|                            | Load stability ≤0.01%+2mV   |             |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)                          |             |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                                       |             |             |             |
|                            | Load stability ≤0.2%+3mA  |             |             |             |
|                            | Ripple & noise ≤2mArms (effective value)                          |             |             |             |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |             |             |
| Current Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |             |             |
| Display Resolution         | Voltage 0.1V Current 0.01A (RXN-602D, RXN-603, RXN-605D)          |             |             |             |
|                            | Voltage 0.1V Current 0.1A (RXN-1510D)                             |             |             |             |



| Model                      | RXN-3020D   | RXN-3030D   | RXN-1530D   |
|----------------------------|---|-------------|-------------|
| Voltage Output             | 0-30V   | 0-30V       | 0-15V       |
| Current Output             | 0-20A   | 0-30A       | 0-30A       |
| Weight                     | 13kg  | 18.3kg      |             |
| Dimensions (mm)            | 378×260×169   | 378×260×169 | 378×260×169 |
| Input Voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required) |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%                       |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%                       |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                                      |             |             |
|                            | Load stability ≤0.01%+2mV   |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)                          |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                                       |             |             |
|                            | Load stability ≤0.2%+3mA  |             |             |
|                            | Ripple & noise ≤2mArms (effective value)                          |             |             |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |             |
| Current Display Precision  | 3 digit LED display: ±1%±1 word                                   |             |             |
| Display Resolution         | Voltage 0.1V Current 0.1A   |             |             |







**Introduction** PS Series is high precision, high reliability and low ripple linear DC regulated power supply. The output voltage and output current are continuously adjustable from 0 to rated value. Constant voltage and constant current can automatic switching. It is really an ideal product in the field.

- Features**
- LED Display: Red LED displays voltage, Green LED displays current
  - Low Noise: The power supply cooling fan and the temperature sensor is connected, the fan can automatically reduce the speed when the internal temperature or the load is reduced, which can prevent additional noise.
  - Protection Function: Current-limiting protection, Short protection, Reverse polarity protection



Input voltage 110V/220V select input.



Output current A/mA display conversion. Display resolution: 0.01A, maximum 999 mA.

**User** The automotive industry, electronics industry, communications industry, digital products, research institutes, educational institutions



| Model                      | PS-202D                                     | PS-302D     | PS-303D     | PS-305D     |
|----------------------------|---|-------------|-------------|-------------|
| Voltage Output             | 0-20V                                       | 0-30V       | 0-30V       | 0-30V       |
| Current Output             | 0-2A  | 0-2A        | 0-3A        | 0-5A        |
| Weight                     | 2.7kg                                       | 2.9kg       | 3.7kg       | 4.76kg      |
| Dimensions (mm)            | 278×126×154                                 | 278×126×154 | 278×126×154 | 278×126×154 |
| Input Voltage              | AC 220V/110V±10% 50/60Hz (Select input)     |             |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90% |             |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80% |             |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                |             |             |             |
|                            | Load stability ≤0.01%+2mV                   |             |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)    |             |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                 |             |             |             |
|                            | Load stability ≤0.2%+3mA                    |             |             |             |
|                            | Ripple & noise ≤2mArms (effective value)    |             |             |             |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word             |             |             |             |
| Current Display Precision  | 3 digit LED display: ±1%±1 word             |             |             |             |
| Display Resolution         | Voltage 0.1V Current 0.01A                  |             |             |             |



| Model                      | PS-2002D                                    | PS-3002D    | PS-3003D    | PS-3005D    | PS-6005D    |
|----------------------------|---|-------------|-------------|-------------|-------------|
| Voltage Output             | 0-20V                                       | 0-30V       | 0-30V       | 0-30V       | 0-60V       |
| Current Output             | 0-2A  | 0-2A        | 0-3A        | 0-5A        | 0-5A        |
| Weight                     | 2.71kg                                      | 2.9kg       | 3.7kg       | 4.8kg       | 5.1kg       |
| Dimensions (mm)            | 278×126×154                                 | 278×126×154 | 278×126×154 | 278×126×154 | 278×126×154 |
| Input Voltage              | AC 220V/110V±10% 50/60Hz (Select input)     |             |             |             |             |
| Working Condition          | Temperature: -10-40°C Relative humidity<90% |             |             |             |             |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80% |             |             |             |             |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                |             |             |             |             |
|                            | Load stability ≤0.01%+2mV                   |             |             |             |             |
|                            | Ripple & noise ≤1mVrms (effective value)    |             |             |             |             |
| Constant Current Operation | Current stability ≤0.1%+3mA                 |             |             |             |             |
|                            | Load stability ≤0.2%+3mA                    |             |             |             |             |
|                            | Ripple & noise ≤2mArms (effective value)    |             |             |             |             |
| Voltage Display Precision  | 4 digit LED display: ±0.1%±1 word           |             |             |             |             |
| Current Display Precision  | 4 digit LED display: ±0.1%±1 word           |             |             |             |             |
| Display Resolution         | Voltage 0.01V Current 0.001A                |             |             |             |             |



| Model                      | PS-3010D                                    |
|----------------------------|---|
| Voltage Output             | 0-30V                                       |
| Current Output             | 0-10A                                       |
| Weight                     | 7.4kg                                       |
| Dimensions (mm)            | 332×200×160                                 |
| Input Voltage              | AC 220V                                     |
| Working Condition          | Temperature: -10-40°C Relative humidity<90% |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80% |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV                |
|                            | Load stability ≤0.01%+2mV                   |
|                            | Ripple & noise ≤1mVrms (effective value)    |
| Constant Current Operation | Current stability ≤0.1%+3mA                 |
|                            | Load stability ≤0.2%+3mA                    |
|                            | Ripple & noise ≤2mArms (effective value)    |
| Voltage Display Precision  | 4 digit LED display: ±0.1%±1 word           |
| Current Display Precision  | 4 digit LED display: ±0.1%±1 word           |
| Display Resolution         | Voltage 0.01V Current 0.01A                 |



# ZHAOXIN® JPS Series Linear DC Power Supply

**Introduction** JPS Series linear DC power supply through professional design and meticulous production has beautiful appearance, safe and reliable, precise and stable, low ripple and noise. Our factory products are widely sold throughout the country and exported abroad, widely welcomed by users at home and abroad.

- Features**
- Single channel output
  - Front/behind output terminal
  - Internal radiator and intelligent temperature-controlled fan
  - Input voltage 110V/220V select input
  - 3 digit or 4 digit LCD display output voltage and output current
  - Green or blue backlight
  - Current-limiting protection, Short protection, Reverse polarity protection

**User** The automotive industry, electronics industry, communications industry, digital products, research institutes, educational institutions, all occasions need DC power supply.



| Model           | JPS-202DG   | JPS-302DG   | JPS-303DG   | JPS-305DG   |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-20V       | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-2A        | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 3 kg        | 3.32kg      | 4.1kg       | 4.62kg      |
| Dimensions (mm) | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V/110V±10% 50/60Hz (Select input)   |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV<br>Load stability ≤0.01%+2mV<br>Ripple & noise ≤1mVrms (effective value) |
| Constant Current Operation | Current stability ≤0.1%+3mA<br>Load stability ≤0.2%+3mA<br>Ripple & noise ≤2mArms (effective value)   |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word   |
| Current Display Precision  | 3 digit LED display: ±1%±1 word   |
| Display Resolution         | Voltage 0.1V Current 0.01A  |



| Model           | JPS-2002DG  | JPS-3002DG  | JPS-3003DG  | JPS-3005DG  |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-20V       | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-2A        | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 3.08kg      | 3.6kg       | 4.5kg       | 4.8kg       |
| Dimensions (mm) | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V/110V±10% 50/60Hz (Select input)   |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV<br>Load stability ≤0.01%+2mV<br>Ripple & noise ≤1mVrms (effective value) |
| Constant Current Operation | Current stability ≤0.1%+3mA<br>Load stability ≤0.2%+3mA<br>Ripple & noise ≤2mArms (effective value)   |
| Voltage Display Precision  | 4 digit LED display: ±0.1%±1 word   |
| Current Display Precision  | 4 digit LED display: ±0.1%±1 word   |
| Display Resolution         | Voltage 0.01V Current 0.001A  |



| Model           | JPS-3010DG  | JPS-3020DG  |
|-----------------|-------------|-------------|
| Voltage Output  | 0-30V       | 0-30V       |
| Current Output  | 0-10A       | 0-20A       |
| Weight          | 7.4kg       | 13.5kg      |
| Dimensions (mm) | 332×200×160 | 332×200×160 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V/110V±10% 50/60Hz (Select input)   |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability ≤0.01%+2mV<br>Load stability ≤0.01%+2mV<br>Ripple & noise ≤1mVrms (effective value) |
| Constant Current Operation | Current stability ≤0.1%+3mA<br>Load stability ≤0.2%+3mA<br>Ripple & noise ≤2mArms (effective value)   |
| Voltage Display Precision  | 3 digit LED display: ±1%±1 word   |
| Current Display Precision  | 3 digit LED display: ±1%±1 word   |
| Display Resolution         | Voltage 0.1V Current 0.1A   |



# ZHAOXIN® Triple-output Linear DC Power Supply

**Introduction** This series is triple output linear DC power supply. Overload and reverse polarity protection function protection power and load against accidental damage. Constant voltage and constant current can automatic switching.

- Features**
- Triple output (two adjustable outputs and one 5V/3A fixed output)
  - Internal radiator and intelligent temperature-controlled fan
  - Pointer meter, LED, LCD display output voltage and output current
  - Auto tracking
  - Auto series and parallel operation
  - In series mode, machine can be connected as positive and negative supply
  - High precision, high stability and low ripple and noise
  - Current-limiting protection and users can set the current-limiting protection point arbitrarily
  - Reverse polarity protection

**Application** Auto industry / Electronic industry / Communications industry / Digital product / Research Institutions / Educational Institutions/



Series / parallel transfer switch



| Model                     | RXN-302A-II                | RXN-303A-II      | RXN-305A-II      |
|---------------------------|----------------------------|------------------|------------------|
| <b>Operation Mode</b>     |                            |                  |                  |
| Independent               | (0-30V/0-2A) x 2           | (0-30V/0-3A) x 2 | (0-30V/0-5A) x 2 |
| Parallel                  | 0-30V 0-4A                 | 0-30V 0-6A       | 0-30V 0-10A      |
| Series                    | 0-60V 0-2A                 | 0-60V 0-3A       | 0-60V 0-5A       |
| <b>5V Fixed Output</b>    |                            |                  |                  |
| Voltage Precision         | 5V±0.25V                   |                  |                  |
| Output Current            | 3A                         |                  |                  |
| Line Regulation           | ≤5mV                       |                  |                  |
| Load Regulation           | ≤15mV                      |                  |                  |
| Ripple & Noise            | ≤2mVrms                    |                  |                  |
| <b>Tracking Operation</b> |                            |                  |                  |
| Tracking Error            | ≤0.5% + 10mV of the master |                  |                  |
| Series Regulation         | ≤300mV                     |                  |                  |
| Weight                    | 6.96kg                     | 8.34kg           | 9.72kg           |
| Size (mm)                 | 343×360×170                | 343×360×170      | 343×360×170      |

|                                   |   |  |  |
|-----------------------------------|---|--|--|
| Input Voltage                     | AC 220V ±10% 50Hz (also can be AC 110V±10% 50/60Hz if required) |  |  |
| Working Condition                 | Temperature: -10-40°C Relative humidity<90%                     |  |  |
| Storage Condition                 | Temperature: -10-40°C Relative humidity<80%                     |  |  |
| <b>Constant Voltage Operation</b> |   |  |  |
| Voltage stability                 | ≤0.01%+2mV  |  |  |
| Load stability                    | ≤0.01%+2mV  |  |  |
| Ripple & noise                    | ≤1mVrms (effective value)                                       |  |  |
| <b>Constant Current Operation</b> |   |  |  |
| Current stability                 | ≤0.1%+3mA   |  |  |
| Load stability                    | ≤0.2%+3mA   |  |  |
| Ripple & noise                    | ≤2mArms (effective value)                                       |  |  |
| Voltage Display Precision         | Pointer meter ±2.5%   |  |  |
| Current Display Precision         | Pointer meter ±2.5%   |  |  |



Series / parallel transfer switch



| Model                     | RXN-302D-II                | RXN-303D-II      | RXN-305D-II      | RXN-603D-II      | RXN-605D-II      | RXN-3010D-II    |
|---------------------------|----------------------------|------------------|------------------|------------------|------------------|-----------------|
| <b>Operation Mode</b>     |                            |                  |                  |                  |                  |                 |
| Independent               | (0-30V/0-2A) x 2           | (0-30V/0-3A) x 2 | (0-30V/0-5A) x 2 | (0-60V/0-3A) x 2 | (0-60V/0-5A) x 2 | (0-30V/0-10A)x2 |
| Parallel                  | 0-30V 0-4A                 | 0-30V 0-6A       | 0-30V 0-10A      | 0-60V 0-6A       | 0-60V 0-10A      | 0-30V 0-20A     |
| Series                    | 0-60V 0-2A                 | 0-60V 0-3A       | 0-60V 0-5A       | 0-120V 0-3A      | 0-120V 0-5A      | 0-60V 0-10A     |
| <b>5V Fixed Output</b>    |                            |                  |                  |                  |                  |                 |
| Voltage Precision         | 5V±0.25V                   |                  |                  |                  |                  |                 |
| Output Current            | 3A                         |                  |                  |                  |                  |                 |
| Line Regulation           | ≤5mV                       |                  |                  |                  |                  |                 |
| Load Regulation           | ≤15mV                      |                  |                  |                  |                  |                 |
| Ripple & Noise            | ≤2mVrms                    |                  |                  |                  |                  |                 |
| <b>Tracking Operation</b> |                            |                  |                  |                  |                  |                 |
| Tracking Error            | ≤0.5% + 10mV of the master |                  |                  |                  |                  |                 |
| Series Regulation         | ≤300mV                     |                  |                  |                  |                  |                 |
| Weight                    | 6.96kg                     | 8.34kg           | 9.72kg           | 12.5kg           | 14kg             | 14kg            |
| Size (mm)                 | 343×360×170                | 343×360×170      | 343×360×170      | 343×360×170      | 343×360×170      | 343×360×170     |

|                                   |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|
| Input Voltage                     | AC 220V±10% 50Hz (also can be AC 110V±10% 50/60Hz if required)                               |  |  |  |  |  |
| Working Condition                 | Temperature: -10-40°C Relative humidity<90%  |  |  |  |  |  |
| Storage Condition                 | Temperature: -10-40°C Relative humidity<80%  |  |  |  |  |  |
| <b>Constant Voltage Operation</b> |  |  |  |  |  |  |
| Voltage stability                 | ≤0.01%+2mV   |  |  |  |  |  |
| Load stability                    | ≤0.01%+2mV   |  |  |  |  |  |
| Ripple & noise                    | ≤1mVrms (effective value)  |  |  |  |  |  |
| <b>Constant Current Operation</b> |  |  |  |  |  |  |
| Current stability                 | ≤0.1%+3mA  |  |  |  |  |  |
| Load stability                    | ≤0.2%+3mA  |  |  |  |  |  |
| Ripple & noise                    | ≤2mArms (effective value)  |  |  |  |  |  |
| Voltage Display Precision         | 3 digit LED display: ±1%±1 word  |  |  |  |  |  |
| Current Display Precision         | 3 digit LED display: ±1%±1 word  |  |  |  |  |  |
| Display Resolution                | Voltage 0.1V Current 0.01A (RXN-302D-II, RXN-303D-II, RXN-305D-II, RXN-603D-II, RXN-605D-II) |  |  |  |  |  |
|                                   | Voltage 0.1V Current 0.1A (RXN-3010D-II)   |  |  |  |  |  |





Series / parallel transfer switch



| Model                     | JPS-302D-II                | JPS -303D-II     | JPS -305D-II     |
|---------------------------|----------------------------|------------------|------------------|
| <b>Operation Mode</b>     |                            |                  |                  |
| Independent               | (0-30V/0-2A) x 2           | (0-30V/0-3A) x 2 | (0-30V/0-5A) x 2 |
| Parallel                  | 0-30V 0-4A                 | 0-30V 0-6A       | 0-30V 0-10A      |
| Series                    | 0-60V 0-2A                 | 0-60V 0-3A       | 0-60V 0-5A       |
| <b>5V Fixed Output</b>    |                            |                  |                  |
| Voltage Precision         | 5V±0.25V                   |                  |                  |
| Output Current            | 3A                         |                  |                  |
| Line Regulation           | ≤5mV                       |                  |                  |
| Load Regulation           | ≤15mV                      |                  |                  |
| Ripple & Noise            | ≤2mVrms                    |                  |                  |
| <b>Tracking Operation</b> |                            |                  |                  |
| Tracking Error            | ≤0.5% + 10mV of the master |                  |                  |
| Series Regulation         | ≤300mV                     |                  |                  |
| Weight                    | 7kg                        | 8.5kg            | 10kg             |
| Size (mm)                 | 346×260×167                | 346×260×167      | 346×260×167      |

|                                   |  |  |  |
|-----------------------------------|--|--|--|
| Input Voltage                     | AC 220V±10% 50Hz (also can be AC 110V±10% 50/60Hz if required) |  |  |
| Working Condition                 | Temperature: -10-40°C Relative humidity<90%                    |  |  |
| Storage Condition                 | Temperature: -10-40°C Relative humidity<80%                    |  |  |
| <b>Constant Voltage Operation</b> |  |  |  |
| Voltage stability                 | ≤0.01%+2mV   |  |  |
| Load stability                    | ≤0.01%+2mV   |  |  |
| Ripple & noise                    | ≤1mVrms (effective value)                                      |  |  |
| <b>Constant Current Operation</b> |  |  |  |
| Current stability                 | ≤0.1%+3mA  |  |  |
| Load stability                    | ≤0.2%+3mA  |  |  |
| Ripple & noise                    | ≤2mArms (effective value)                                      |  |  |
| Voltage Display Precision         | 3 digit LCD display: ±1%±1 word                                |  |  |
| Current Display Precision         | 3 digit LCD display: ±1%±1 word                                |  |  |
| Display Resolution                | Voltage 0.1V Current 0.01A                                     |  |  |



Series / parallel transfer switch



4 digit Voltage & Current display



| Model                     | PS-3005D-II                | PS -3003D-II     | PS -3002D-II     |
|---------------------------|----------------------------|------------------|------------------|
| <b>Operation Mode</b>     |                            |                  |                  |
| Independent               | (0-30V/0-5A) x 2           | (0-30V/0-3A) x 2 | (0-30V/0-2A) x 2 |
| Parallel                  | 0-30V 0-10A                | 0-30V 0-6A       | 0-30V 0-4A       |
| Series                    | 0-60V 0-5A                 | 0-60V 0-3A       | 0-60V 0-2A       |
| <b>5V Fixed Output</b>    |                            |                  |                  |
| Voltage Precision         | 5V±0.25V                   |                  |                  |
| Output Current            | 3A                         |                  |                  |
| Line Regulation           | ≤5mV                       |                  |                  |
| Load Regulation           | ≤15mV                      |                  |                  |
| Ripple & Noise            | ≤2mVrms                    |                  |                  |
| <b>Tracking Operation</b> |                            |                  |                  |
| Tracking Error            | ≤0.5% + 10mV of the master |                  |                  |
| Series Regulation         | ≤300mV                     |                  |                  |
| Weight                    | 7kg                        | 8.5kg            | 10kg             |
| Size (mm)                 | 343×360×170                | 343×360×170      | 343×360×170      |

|                                   |  |  |  |
|-----------------------------------|--|--|--|
| Input Voltage                     | AC 220V±10% 50Hz (also can be AC 110V±10% 50/60Hz if required) |  |  |
| Working Condition                 | Temperature: -10-40°C Relative humidity<90%                    |  |  |
| Storage Condition                 | Temperature: -10-40°C Relative humidity<80%                    |  |  |
| <b>Constant Voltage Operation</b> |  |  |  |
| Voltage stability                 | ≤0.01%+2mV   |  |  |
| Load stability                    | ≤0.01%+2mV   |  |  |
| Ripple & noise                    | ≤1mVrms (effective value)                                      |  |  |
| <b>Constant Current Operation</b> |  |  |  |
| Current stability                 | ≤0.1%+3mA  |  |  |
| Load stability                    | ≤0.2%+3mA  |  |  |
| Ripple & noise                    | ≤2mArms (effective value)                                      |  |  |
| Voltage Display Precision         | 4 digit LED display: ± 0.1%±1 word (e.g. PS-3005D-II)          |  |  |
| Current Display Precision         | 4 digit LED display: ± 0.1%±1 word (e.g. PS-3005D-II)          |  |  |
| Display Resolution                | Voltage 0.01V Current 0.001A                                   |  |  |

# ZHAOXIN® DPS Series Programmable DC Power Supply

NEW!



| Model                            | DPS-3005D  |
|----------------------------------|--|
| Input Voltage                    | AC 220V±10%, 50/60Hz   |
| Output Voltage                   | 0-30V Adjustable   |
| Output Current                   | 0-5A Adjustable  |
| Over-voltage Protection          | 0-30V Adjustable   |
| Over-current Protection          | 0-5A Adjustable  |
| Line Regulation (CV)             | 0.01%+3mV (rated value)  |
| Line Regulation (CC)             | 0.2%+3mA (rated value)   |
| Load Regulation (CV)             | 0.01%+15mV (rated value)   |
| Load Regulation (CC)             | 0.2%+3mA (rated value)   |
| Ripple Voltage (CV)              | 1mVrms   |
| Ripple Voltage (CC)              | 3mArms   |
| Temperature Coefficient          | 300ppm/°C  |
| Display Resolution (Voltage)     | 10mV   |
| Display Resolution (Current)     | 1 mA   |
| Programming Resolution (Voltage) | (Setting value 0.01%+10mV) (0-30V)   |
| Programming Resolution (Current) | (Setting value 0.1%+1mA) (0-5A)  |
| Programming Resolution (OVP)     | (Setting value 0.03%+10mV) (0-30V)   |
| Programming Resolution (OCP)     | (Setting value 0.5%+10mA) (0-5A)   |
| Reading Accuracy (Voltage)       | (Reading value 0.03%+10mV) (0-30V)   |
| Reading Accuracy (Current)       | (Reading value 0.1%+2mA) (0-5A)  |
| Storage and Call class number    | 5 groups of voltage and current (Include 1group status saving before shutdown) |
| Size(mm)                         | 300×160×170mm  |
| Weight                           | 5Kg  |



**Introduction:**  
DPS series is Programmable linear DC power supply. According to design and test requirements, provide multipurpose solution.

- Features:**
- Single channel output
  - Accelerated knob coding input
  - Constant voltage and constant current can automatic switching
  - Over-voltage protection, Over-current protection, Over-temperature protection and Short-circuit protection.
  - Internal radiator and intelligent temperature-controlled fan
  - 4 digit LCD display output voltage and output current
  - Low ripple
  - Lock key function effectively prevent wrong operation
  - Switch control output



# ZHAOXIN® RPS Series DC Power Supply



NEW!



CE Current-limiting Protection Intelligent temperature-controlled fan Reverse Polarity Protection

| Model           | RPS-202D    | RPS-302D    | RPS-303D    | RPS-305D    |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-20V       | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-2A        | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 3 kg        | 3.32kg      | 4.1kg       | 4.62kg      |
| Dimensions (mm) | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V   |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability $\leq 0.01\%+2mV$<br>Load stability $\leq 0.01\%+2mV$<br>Ripple & noise $\leq 1mVrms$ (effective value) |
| Constant Current Operation | Current stability $\leq 0.1\%+3mA$<br>Load stability $\leq 0.2\%+3mA$<br>Ripple & noise $\leq 2mArms$ (effective value)   |
| Voltage Display Precision  | 3 digit LED display: $\pm 1\% \pm 1$ word   |
| Current Display Precision  | 3 digit LED display: $\pm 1\% \pm 1$ word   |
| Display Resolution         | Voltage 0.1V Current 0.01A  |

NEW!



CE Current-limiting Protection Intelligent temperature-controlled fan Reverse Polarity Protection

| Model           | RPS-2002D   | RPS-3002D   | RPS-3003D   | RPS-3005D   |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-20V       | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-2A        | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 3.08kg      | 3.6 kg      | 4.5kg       | 4.8kg       |
| Dimensions (mm) | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V   |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability $\leq 0.01\%+2mV$<br>Load stability $\leq 0.01\%+2mV$<br>Ripple & noise $\leq 1mVrms$ (effective value) |
| Constant Current Operation | Current stability $\leq 0.1\%+3mA$<br>Load stability $\leq 0.2\%+3mA$<br>Ripple & noise $\leq 2mArms$ (effective value)   |
| Voltage Display Precision  | 3 digit LED display: $\pm 1\% \pm 1$ word   |
| Current Display Precision  | 3 digit LED display: $\pm 1\% \pm 1$ word   |
| Display Resolution         | Voltage 0.01V Current 0.001A  |

NEW!



CE Current-limiting Protection Intelligent temperature-controlled fan Reverse Polarity Protection

| Model           | RPS-2002DB  | RPS-3002DB  | RPS-3003DB  | RPS-3005DB  |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-20V       | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-2A        | 0-2A        | 0-3A        | 0-5A        |
| Weight          | 3.08kg      | 3.6 kg      | 4.5kg       | 4.8kg       |
| Dimensions (mm) | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 |

|                            |   |
|----------------------------|---|
| Input Voltage              | AC 220V $\pm 10\%$ 50/60Hz (also can be AC 110V $\pm 10\%$ 50/60Hz if required)   |
| Working Condition          | Temperature: -10-40°C Relative humidity<90%   |
| Storage Condition          | Temperature: -10-40°C Relative humidity<80%   |
| Constant Voltage Operation | Voltage stability $\leq 0.01\%+2mV$<br>Load stability $\leq 0.01\%+2mV$<br>Ripple & noise $\leq 1mVrms$ (effective value) |
| Constant Current Operation | Current stability $\leq 0.1\%+3mA$<br>Load stability $\leq 0.2\%+3mA$<br>Ripple & noise $\leq 2mArms$ (effective value)   |
| Voltage Display Precision  | 3 digit LED display: $\pm 1\% \pm 1$ word   |
| Current Display Precision  | 3 digit LED display: $\pm 1\% \pm 1$ word   |
| Display Resolution         | Voltage 0.01V Current 0.001A  |



# ZHAOXIN® KXN Series High-power Switching DC Power Supply

**Introduction** KXN series power supply has excellent electrical characteristics of high reliability, high accuracy, high stability, and widely used in the battery industry, PCB board manufacturing industry, communications industry, the automotive industry, electronic industry, and many other industries. It has perfect protection circuit, to better meet the user a simple, easy to use demand.

Than with a linear power supply, it has a small size, light weight, high efficiency, fast response, and high precision series of advantages.

- Features**
- The output voltage and output current are continuously adjustable from 0 to rated value.
  - Constant voltage and constant current can automatic switching
  - Allow in some cases for a long time short circuit
  - Overload and reverse polarity protection power against accidental damage
  - LED display output voltage and output current
  - The power supply cooling fan and the temperature sensor is connected, the fan can automatically reduce the speed when the internal temperature or the load is reduced, which can prevent additional noise.

- User**
- Battery charging, PCB exposure lamp power
  - Resistors, relays, motors and electronic components such as aging, routine testing
  - Laboratory, electronic equipment, automatic test equipment
  - Electronic test equipment, production line equipment, communications equipment
  - Endurance test of the motor and drive
  - A constant current source of the semiconductor aging replacement batteries as the electrolytic capacitor, metal anode and everything else needs to use the occasion of the DC power supply

**Security Features** Over-voltage protection, Over-current protection, Over-temperature protection, input power abnormality protection



**NEW!**



**Pmax 350W**

- Current-limiting Protection
- Over-temperature Protection
- Reverse Polarity Protection

| Model           | KXN-305D    | KXN-1520D   | KXN-3010D   | KXN-6403D   | KXN-6405D   |
|-----------------|-------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-30V       | 0-15V       | 0-30V       | 0-64V       | 0-64V       |
| Current Output  | 0-5A        | 0-20A       | 0-10A       | 0-3A        | 0-5A        |
| Weight          |             | 2.66kg      | 2.58kg      |             |             |
| Dimensions (mm) | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 | 275×126×155 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Storage temperature (-40-70)°C
- Relative humidity 90%(40±2°C)
- Atmospheric pressure (70-106)hPa
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.2%
- Voltage regulation ≤0.2%
- Ripple voltage ≤0.2% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.01A (KXN-305D)
- Display Resolution Voltage 0.1V Current 0.1A (KXN-1520D,KXN-3010D,KXN-6403D,KXN-6405D)



**Pmax 600W**

- Current-limiting Protection
- Over-temperature Protection
- Reverse Polarity Protection

| Model           | KXN-1530D   | KXN1540D    |
|-----------------|-------------|-------------|
| Voltage Output  | 0-15V       | 0-15V       |
| Current Output  | 0-30A       | 0-40A       |
| Weight          | 3.86kg      | 3.97kg      |
| Dimensions (mm) | 366×198×158 | 366×198×158 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Storage temperature (-40-70)°C
- Relative humidity 90%(40±2°C)
- Atmospheric pressure (70-106)hPa
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A



**Pmax 2000W**

- Current-limiting Protection
- Over-temperature Protection
- Reverse Polarity Protection
- Preset Function

| Model           | KXN-3640D   | KXN-3640DM  |
|-----------------|-------------|-------------|
| Voltage Output  | 0-36V       | 0-36V       |
| Current Output  | 0-40A       | 0-40A       |
| Weight          | 3.94kg      | 3.94kg      |
| Dimensions (mm) | 366×202×157 | 366×202×157 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Storage temperature (-40-70)°C
- Relative humidity 90%(40±2°C)
- Atmospheric pressure (70-106)hPa
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A





**Pmax  
1200W**

- Current-limiting Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection

| Model           | KXN-3020D   | KXN-3030D   | KXN-3040D   | KXN-6010D   | KXN-6020D   |
|-----------------|-------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-30V       | 0-30V       | 0-30V       | 0-60V       | 0-60V       |
| Current Output  | 0-20A       | 0-30A       | 0-40A       | 0-10A       | 0-20A       |
| Weight          | 3.85kg      | 4.19kg      | 5kg         | 3.8kg       | 4.25kg      |
| Dimensions (mm) | 366×198×158 | 366×198×158 | 366×198×158 | 366×198×158 | 366×198×158 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Relative humidity 90%(40±2°C)
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A
- Storage temperature (-40-70)°C
- Atmospheric pressure (70-106)hPa



**Pmax  
1200W**

- Current-limiting Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection

| Model           | KXN-1550D   | KXN-1560D   | KXN-1580D   | KXN-15100D  |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-15V       | 0-15V       | 0-15V       | 0-15V       |
| Current Output  | 0-50A       | 0-60A       | 0-80A       | 0-100A      |
| Weight          | 4.3kg       | 4.33kg      |             | 5.44kg      |
| Dimensions (mm) | 366×198×158 | 366×198×158 | 366×198×158 | 366×198×158 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Relative humidity 90%(40±2°C)
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A (KXN-1550D, KXN-1560D, KXN-1580D)
- Voltage 0.1V Current 1A (KXN-15100D)
- Storage temperature (-40-70)°C
- Atmospheric pressure (70-106)hPa



**Pmax  
3000W**

- Current-limiting Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection

| Model           | KXN-3050D   | KXN-3060D   | KXN-3080D   | KXN-30100D  |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-30V       | 0-30V       | 0-30V       | 0-30V       |
| Current Output  | 0-50A       | 0-60A       | 0-80A       | 0-100A      |
| Weight          | 6.3kg       | 6.43kg      | 6.8kg       | 8.55kg      |
| Dimensions (mm) | 378×260×169 | 378×260×169 | 378×260×169 | 378×260×169 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Relative humidity 90%(40±2°C)
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A (KXN-3050D, KXN-3060D, KXN-3080D)
- Voltage 0.1V Current 1A (KXN-30100D)
- Storage temperature (-40-70)°C
- Atmospheric pressure (70-106)hPa



**Pmax  
1200W**

- Current-limiting Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection

| Model           | KXN-10010D  | KXN-12010D  | KXN-1005D   | KXN-1003D   |
|-----------------|-------------|-------------|-------------|-------------|
| Voltage Output  | 0-100V      | 0-120V      | 0-100V      | 0-100V      |
| Current Output  | 0-10A       | 0-10A       | 0-5A        | 0-3A        |
| Weight          |             |             |             |             |
| Dimensions (mm) | 366×198×158 | 366×198×158 | 366×198×158 | 366×198×158 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Relative humidity 90%(40±2°C)
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A (KXN-10010D, KXN-12010D)
- Voltage 1V Current 0.01A (KXN-1005D, KXN-1003D)
- Storage temperature (-40-70)°C
- Atmospheric pressure (70-106)hPa



**Pmax  
3000W**

- Current-limiting Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection

| Model           | KXN-5005D   | KXN-30010D  | KXN-15200D  |
|-----------------|-------------|-------------|-------------|
| Voltage Output  | 0-500V      | 0-300V      | 0-15V       |
| Current Output  | 0-5A        | 0-10A       | 0-200A      |
| Weight          | 6.8kg       | 6.43kg      | 11.7kg      |
| Dimensions (mm) | 378×260×169 | 378×260×169 | 457×260×169 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Relative humidity 90%(40±2°C)
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 1V Current 0.1A (KXN-5005D, KXN-30010D)
- Voltage 0.1V Current 1A (KXN-15200D)
- Storage temperature (-40-70)°C
- Atmospheric pressure (70-106)hPa



**Pmax  
3000W**

- Current-limiting Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection

| Model           | KXN-6030D   | KXN-6040D   | KXN-6050D   |
|-----------------|-------------|-------------|-------------|
| Voltage Output  | 0-60V       | 0-60V       | 0-60V       |
| Current Output  | 0-30A       | 0-40A       | 0-50A       |
| Weight          | 6.2kg       | 8.2kg       | 8.2kg       |
| Dimensions (mm) | 348×260×170 | 348×260×170 | 348×260×170 |

- Input voltage AC220V±10% 50/60Hz
- Operating temperature (-20-50)°C
- Relative humidity 90%(40±2°C)
- Display accuracy ≤1%
- Efficiency ≥86%
- Load regulation ≤0.5%
- Voltage regulation ≤0.5%
- Ripple voltage ≤0.5% V p-p
- 100Hz Ripple voltage ≤300mV
- Insulation resistance ≥20MΩ
- Withstand voltage from input voltage to casing ≥AC1500V
- Withstand voltage from input voltage to output voltage ≥AC1500V
- MTBF ≥50000h
- Boot buffer delay 3-5S
- Overheat protect threshold value 75-85°C
- Display Resolution Voltage 0.1V Current 0.1A
- Storage temperature (-40-70)°C
- Atmospheric pressure (70-106)hPa

NEW!



Pmax 6000W  
Umax DC 1500V  
Imax DC 300A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection
- Open-phase Protection

| Model  | KXN-40010D         | KXN-30015D | KXN-30020D                         | KXN-60100D | KXN-30200D |
|--|--------------------|------------|------------------------------------|------------|------------|
| Voltage Output   | 0-400V             | 0-300V     | 0-300V                             | 0-60V      | 0-30V      |
| Current Output   | 0-10A              | 0-15A      | 0-20A                              | 0-100A     | 0-200A     |
| Weight   |                    |            |                                    |            |            |
| Dimensions (mm)  |                    |            |                                    |            |            |
| • Input voltage  | AC220V±10% 50/60Hz |            |                                    |            |            |
| • Operating temperature                                  | (-20-50)°C         |            | • Storage temperature (-40-70)°C   |            |            |
| • Relative humidity                                      | 90%(40±2°C)        |            | • Atmospheric pressure (70-106)hPa |            |            |
| • Display accuracy                                       | ≤1%                |            |                                    |            |            |
| • Efficiency   | ≥86%               |            |                                    |            |            |
| • Load regulation  | ≤0.5%              |            |                                    |            |            |
| • Voltage regulation                                     | ≤0.5%              |            |                                    |            |            |
| • Ripple voltage   | ≤0.5% V p-p        |            |                                    |            |            |
| • 100Hz Ripple voltage                                   | ≤300mV             |            |                                    |            |            |
| • Insulation resistance                                  | ≥20MΩ              |            |                                    |            |            |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |            |                                    |            |            |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |            |                                    |            |            |
| • MTBF   | ≥50000h            |            |                                    |            |            |
| • Boot buffer delay                                      | 3-5S               |            |                                    |            |            |
| • Overheat protect threshold value                       | 75-85°C            |            |                                    |            |            |

NEW!



Pmax 10KW  
Umax DC 1500V  
Imax DC 500A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Over-voltage Protection
- Reverse Polarity Protection
- Open-phase Protection

| Model  | KXN-30200D          | KXN-60100D | KXN-30300D                         |
|--|---------------------|------------|------------------------------------|
| Voltage Output   | 0-30V               | 0-60V      | 0-30V                              |
| Current Output   | 0-200A              | 0-100A     | 0-300A                             |
| Weight   |                     |            |                                    |
| Dimensions (mm)  |                     |            |                                    |
| • Input voltage  | AC 220V±10% 50/60Hz |            |                                    |
| • Operating temperature                                  | (-20-50)°C          |            | • Storage temperature (-40-70)°C   |
| • Relative humidity                                      | 90%(40±2°C)         |            | • Atmospheric pressure (70-106)hPa |
| • Display accuracy                                       | ≤1%                 |            |                                    |
| • Efficiency   | ≥86%                |            |                                    |
| • Load regulation  | ≤0.5%               |            |                                    |
| • Voltage regulation                                     | ≤0.5%               |            |                                    |
| • Ripple voltage   | ≤0.5% V p-p         |            |                                    |
| • 100Hz Ripple voltage                                   | ≤300mV              |            |                                    |
| • Insulation resistance                                  | ≥20MΩ               |            |                                    |
| • Withstand voltage from input voltage to casing         | ≥AC1500V            |            |                                    |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V            |            |                                    |
| • MTBF   | ≥50000h             |            |                                    |
| • Boot buffer delay                                      | 3-5S                |            |                                    |
| • Overheat protect threshold value                       | 75-85°C             |            |                                    |

NEW!



Pmax 12KW  
Umax DC 1500V  
Imax DC 400A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection
- Open-phase Protection
- Preset Function
- Three-phase Input

| Model  | KXN-50200D         | KXN-50150D  | KXN-40200D                         | KXN-KXN-60200D | KXN-100100D |
|--|--------------------|-------------|------------------------------------|----------------|-------------|
| Voltage Output   | 0-50V              | 0-50V       | 0-40V                              | 0-60V          | 0-100V      |
| Current Output   | 0-200A             | 0-150A      | 0-200A                             | 0-200A         | 0-100A      |
| Weight   | 29 kg              |             |                                    |                |             |
| Dimensions (mm)  | 588×481×147        | 588×481×147 | 588×481×147                        | 588×481×147    | 588×481×147 |
| • Input voltage  | AC380V±10% 50/60Hz |             |                                    |                |             |
| • Operating temperature                                  | (-20-50)°C         |             | • Storage temperature (-40-70)°C   |                |             |
| • Relative humidity                                      | 90%(40±2°C)        |             | • Atmospheric pressure (70-106)hPa |                |             |
| • Display accuracy                                       | ≤1%                |             |                                    |                |             |
| • Efficiency   | ≥86%               |             |                                    |                |             |
| • Load regulation  | ≤0.5%              |             |                                    |                |             |
| • Voltage regulation                                     | ≤0.5%              |             |                                    |                |             |
| • Ripple voltage   | ≤0.5% V p-p        |             |                                    |                |             |
| • 100Hz Ripple voltage                                   | ≤300mV             |             |                                    |                |             |
| • Insulation resistance                                  | ≥20MΩ              |             |                                    |                |             |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |             |                                    |                |             |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |             |                                    |                |             |
| • MTBF   | ≥50000h            |             |                                    |                |             |
| • Boot buffer delay                                      | 3-5S               |             |                                    |                |             |
| • Overheat protect threshold value                       | 75-85°C            |             |                                    |                |             |

NEW!



Pmax 15KW  
Umax DC 1500V  
Imax DC 400A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Over-voltage Protection
- Reverse Polarity Protection
- Open-phase Protection
- Preset Function

| Model  | KXN-30400D         | KXN-50200D | KXN-100150D                        |
|--|--------------------|------------|------------------------------------|
| Voltage Output   | 0-30V              | 0-50V      | 0-100V                             |
| Current Output   | 0-400A             | 0-200A     | 0-150A                             |
| Weight   | 29kg               |            |                                    |
| Dimensions (mm)  | 588×481×147        |            |                                    |
| • Input voltage  | AC380V±10% 50/60Hz |            |                                    |
| • Operating temperature                                  | (-20-50)°C         |            | • Storage temperature (-40-70)°C   |
| • Relative humidity                                      | 90%(40±2°C)        |            | • Atmospheric pressure (70-106)hPa |
| • Display accuracy                                       | ≤1%                |            |                                    |
| • Efficiency   | ≥86%               |            |                                    |
| • Load regulation  | ≤0.5%              |            |                                    |
| • Voltage regulation                                     | ≤0.5%              |            |                                    |
| • Ripple voltage   | ≤0.5% V p-p        |            |                                    |
| • 100Hz Ripple voltage                                   | ≤300mV             |            |                                    |
| • Insulation resistance                                  | ≥20MΩ              |            |                                    |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |            |                                    |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |            |                                    |
| • MTBF   | ≥50000h            |            |                                    |
| • Boot buffer delay                                      | 3-5S               |            |                                    |
| • Overheat protect threshold value                       | 75-85°C            |            |                                    |

NEW!



Pmax 6000W  
Umax DC 1500V  
Imax DC 300A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Reverse Polarity Protection
- Open-phase Protection
- Preset Function
- Three-phase Input

| Model  | KXN-60100D         | KXN-6080D   | KXN-6070D                          |
|--|--------------------|-------------|------------------------------------|
| Voltage Output   | 0-60V              | 0-60V       | 0-60V                              |
| Current Output   | 0-100A             | 0-80A       | 0-70A                              |
| Weight   | 17 kg              |             |                                    |
| Dimensions (mm)  | 470×170×320        | 470×170×320 | 470×170×320                        |
| • Input voltage  | AC380V±10% 50/60Hz |             |                                    |
| • Operating temperature                                  | (-20-50)°C         |             | • Storage temperature (-40-70)°C   |
| • Relative humidity                                      | 90%(40±2°C)        |             | • Atmospheric pressure (70-106)hPa |
| • Display accuracy                                       | ≤1%                |             |                                    |
| • Efficiency   | ≥86%               |             |                                    |
| • Load regulation  | ≤0.5%              |             |                                    |
| • Voltage regulation                                     | ≤0.5%              |             |                                    |
| • Ripple voltage   | ≤0.5% V p-p        |             |                                    |
| • 100Hz Ripple voltage                                   | ≤300mV             |             |                                    |
| • Insulation resistance                                  | ≥20MΩ              |             |                                    |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |             |                                    |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |             |                                    |
| • MTBF   | ≥50000h            |             |                                    |
| • Boot buffer delay                                      | 3-5S               |             |                                    |
| • Overheat protect threshold value                       | 75-85°C            |             |                                    |

NEW!



Pmax 28KW  
Umax DC 1500V  
Imax DC 1000A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Over-voltage Protection
- Reverse Polarity Protection
- Open-phase Protection
- Preset Function
- Three-phase Input

| Model  | KXN-30600D         | KXN-60400D | KXN-200100D                        |
|--|--------------------|------------|------------------------------------|
| Voltage Output   | 0-30V              | 0-60V      | 0-200V                             |
| Current Output   | 0-600A             | 0-400A     | 0-100A                             |
| Weight   | 65kg               |            |                                    |
| Dimensions (mm)  | 650×340×480        |            |                                    |
| • Input voltage  | AC380V±10% 50/60Hz |            |                                    |
| • Operating temperature                                  | (-20-50)°C         |            | • Storage temperature (-40-70)°C   |
| • Relative humidity                                      | 90%(40±2°C)        |            | • Atmospheric pressure (70-106)hPa |
| • Display accuracy                                       | ≤1%                |            |                                    |
| • Efficiency   | ≥86%               |            |                                    |
| • Load regulation  | ≤0.5%              |            |                                    |
| • Voltage regulation                                     | ≤0.5%              |            |                                    |
| • Ripple voltage   | ≤0.5% V p-p        |            |                                    |
| • 100Hz Ripple voltage                                   | ≤300mV             |            |                                    |
| • Insulation resistance                                  | ≥20MΩ              |            |                                    |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |            |                                    |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |            |                                    |
| • MTBF   | ≥50000h            |            |                                    |
| • Boot buffer delay                                      | 3-5S               |            |                                    |
| • Overheat protect threshold value                       | 75-85°C            |            |                                    |



NEW!



Pmax 40KW  
Umax DC 1500V  
Imax DC 1500A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Over-voltage Protection
- Reverse Polarity Protection
- Open-phase Protection
- Preset Function
- Three-phase Input

| Model  | KXN-50800D         | KXN-10400D                         |
|--|--------------------|------------------------------------|
| Voltage Output   | 0-50V              | 0-100V                             |
| Current Output   | 0-800A             | 0-400A                             |
| Weight   |                    |                                    |
| Dimensions (mm)  |                    |                                    |
| • Input voltage  | AC380V±10% 50/60Hz |                                    |
| • Operating temperature                                  | (-20-50)°C         | • Storage temperature (-40-70)°C   |
| • Relative humidity                                      | 90%(40±2°C)        | • Atmospheric pressure (70-106)hPa |
| • Display accuracy                                       | ≤1%                |                                    |
| • Efficiency   | ≥86%               |                                    |
| • Load regulation  | ≤0.5%              |                                    |
| • Voltage regulation                                     | ≤0.5%              |                                    |
| • Ripple voltage   | ≤0.5% V p-p        |                                    |
| • 100Hz Ripple voltage                                   | ≤300mV             |                                    |
| • Insulation resistance                                  | ≥20MΩ              |                                    |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |                                    |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |                                    |
| • MTBF   | ≥50000h            |                                    |
| • Boot buffer delay                                      | 3-5S               |                                    |
| • Overheat protect threshold value                       | 75-85°C            |                                    |

NEW!



Pmax 50KW  
Umax DC 1500V  
Imax DC 2000A

- Current-limiting Protection
- Low-voltage Protection
- Over-temperature Protection
- Intelligent temperature-controlled fan
- Over-voltage Protection
- Reverse Polarity Protection
- Open-phase Protection
- Preset Function
- Three-phase Input

| Model  | KXN-501000D        | KXN-301500D                        |
|--|--------------------|------------------------------------|
| Voltage Output   | 0-50V              | 0-30V                              |
| Current Output   | 0-1000A            | 0-1500A                            |
| Weight   |                    |                                    |
| Dimensions (mm)  |                    |                                    |
| • Input voltage  | AC380V±10% 50/60Hz |                                    |
| • Operating temperature                                  | (-20-50)°C         | • Storage temperature (-40-70)°C   |
| • Relative humidity                                      | 90%(40±2°C)        | • Atmospheric pressure (70-106)hPa |
| • Display accuracy                                       | ≤1%                |                                    |
| • Efficiency   | ≥86%               |                                    |
| • Load regulation  | ≤0.5%              |                                    |
| • Voltage regulation                                     | ≤0.5%              |                                    |
| • Ripple voltage   | ≤0.5% V p-p        |                                    |
| • 100Hz Ripple voltage                                   | ≤300mV             |                                    |
| • Insulation resistance                                  | ≥20MΩ              |                                    |
| • Withstand voltage from input voltage to casing         | ≥AC1500V           |                                    |
| • Withstand voltage from input voltage to output voltage | ≥AC1500V           |                                    |
| • MTBF   | ≥50000h            |                                    |
| • Boot buffer delay                                      | 3-5S               |                                    |
| • Overheat protect threshold value                       | 75-85°C            |                                    |

## ZHAOXIN® DC and AC Power Supply

| Name      | DC and AC Power Supply  |
|-----------|---|
| DC output | 0-30V LED display<br>0-5A LED display<br>Voltage stability: ≤0.01%+2mV Display precision: ±1%±1 word        |
| AC output | 0-30V LED display<br>3A fixed LED display   |
| AC output | 6.3V fixed no display<br>6A fixed no display<br>Voltage stability: ≤0.01%+2mV Display precision: ±1%±1 word |

- Current-limiting Protection
- Reverse Polarity Protection

## ZHAOXIN® Power Supply For Mobile Phone Repair

NEW!



- Current-limiting Protection
- Reverse Polarity Protection

| Model                      | PS-1502D  | PS-1501D |
|----------------------------|---|----------|
| Features                   | <ul style="list-style-type: none"> <li>• Function of voltage measurement</li> <li>• Display the strength of mobile transmission power, which can direct shows whether there is a fault in mobile transmission</li> <li>• Output short circuit alarm and short circuit auto recovery</li> <li>• Cut-off protection ,which can protect when over current and short circuit</li> </ul> |          |
| Input voltage              | AC 220V±10% 50Hz/60Hz   |          |
| Operating condition        | Temperature -10°C - 40°C<br>Relative humidity<90%   |          |
| Output voltage             | 0-15V   |          |
| Output current             | 0-2A  | 0-1A     |
| Display accuracy           | Pointer meter±2.5% Digital display±1%±1word   |          |
| Voltage stability          | ≤0.01%+2mV  |          |
| Load stability             | ≤0.01%+2mV  |          |
| Resume time                | ≤100uS  |          |
| Ripple & noise             | ≤1mVrms (effective value)   |          |
| Temperature coefficient    | ≤300PPM/°C  |          |
| Cut-off protection current | More than rated value10%-15%  |          |
| Dimensions                 | 230(L)×140(W)×210(H)mm  |          |
| Weight                     | 2.3kg   | 2.1kg    |

NEW!



- Current-limiting Protection
- Reverse Polarity Protection

| Model                      | RF-1502T   | RF-1501T |
|----------------------------|--|----------|
| Features                   | <ul style="list-style-type: none"> <li>• Measurement functions: Voltage, Short-circuit, Diode</li> <li>• Display the strength of mobile transmission power, which can direct shows whether there is a fault in mobile transmission</li> <li>• USB mobile charging interface</li> <li>• Output short circuit alarm, Current range switched, Short-circuit recovery select</li> <li>• Cut-off protection ,which can protect when over current and short circuit</li> </ul> |          |
| Input voltage              | AC 220V±10% 50Hz/60Hz  |          |
| Operating condition        | Temperature -10°C - 40°C Relative humidity<90%   |          |
| Output voltage             | 0-15V  |          |
| Output current             | 0-2A   | 0-1A     |
| Range switched             | 1A/200mA   |          |
| Display accuracy           | Pointer meter±2.5% Digital display±1%±1word  |          |
| Voltage stability          | ≤0.01%+2mV   |          |
| Load stability             | ≤0.01%+2mV   |          |
| Resume time                | ≤100uS   |          |
| Ripple & noise             | ≤1mVrms (effective value)  |          |
| Temperature coefficient    | ≤300PPM/°C   |          |
| Cut-off protection current | More than rated value10%-15%   |          |
| Short-circuit alarm        | Resistance≤51Ω±20%   |          |
| Dimensions                 | 230(L)×140(W)×210(H)mm   |          |
| Weight                     | 2.4kg  | 2.2kg    |

NEW!



- Current-limiting Protection
- Reverse Polarity Protection

| Model                      | RF-1502D   | RF-1501D |
|----------------------------|--|----------|
| Features                   | <ul style="list-style-type: none"> <li>• Display the strength of mobile transmission power, which can direct shows whether there is a fault in mobile transmission</li> <li>• USB mobile charging interface</li> <li>• Output short circuit alarm, Current range switched, Short-circuit auto recovery</li> <li>• Cut-off protection ,which can protect when over current and short circuit</li> </ul> |          |
| Input voltage              | AC 220V±10% 50Hz/60Hz  |          |
| Operating condition        | Temperature -10°C - 40°C Relative humidity<90%   |          |
| Output voltage             | 0-15V  |          |
| Output current             | 0-2A   | 0-1A     |
| Range switched             | 1A/200mA   |          |
| Display accuracy           | Pointer meter±2.5% Digital display±1%±1word  |          |
| Voltage stability          | ≤0.01%+2mV   |          |
| Load stability             | ≤0.01%+2mV   |          |
| Resume time                | ≤100uS   |          |
| Ripple & noise             | ≤1mVrms (effective value)  |          |
| Temperature coefficient    | ≤300PPM/°C   |          |
| Cut-off protection current | More than rated value10%-15%   |          |
| Dimensions                 | 230(L)×140(W)×210(H)mm   |          |
| Weight                     | 2.4kg  | 2.2kg    |





Current-limiting Protection Reverse Polarity Protection

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | RF-1201T  |
| <b>Features</b>                   | <ul style="list-style-type: none"> <li>• Measurement functions: Voltage, Short-circuit, Diode</li> <li>• Display the strength of mobile transmission power, which can direct shows whether there is a fault in mobile transmission</li> <li>• Output short circuit alarm and current range switched</li> <li>• Cut-off protection ,which can protect when over current and short circuit</li> </ul> |
| <b>Input voltage</b>              | AC 220V±10% 50Hz/60Hz   |
| <b>Operating condition</b>        | Temperature -10°C - 40°C Relative humidity<90%  |
| <b>Output voltage</b>             | 0-12V   |
| <b>Output current</b>             | 0-1A  |
| <b>Range switched</b>             | 1A/200mA  |
| <b>Display accuracy</b>           | Pointer meter±2.5% Digital display±1%±1word   |
| <b>Voltage stability</b>          | ≤0.01%+2mV  |
| <b>Load stability</b>             | ≤0.01%+2mV  |
| <b>Resume time</b>                | ≤100uS  |
| <b>Ripple &amp;noise</b>          | ≤1mVrms (effective value)   |
| <b>Temperature coefficient</b>    | ≤300PPM/°C  |
| <b>Cut-off protection current</b> | ≥1.0A   |
| <b>Short-circuit alarm</b>        | Resistances±51Ω±20%   |
| <b>Dimensions</b>                 | 200(L)×125(W)×150(H)mm  |
| <b>Weight</b>                     | 1.8kg   |



Current-limiting Protection Reverse Polarity Protection

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | TXN-1201A   |
| <b>Features</b>                   | <ul style="list-style-type: none"> <li>• Display the strength of mobile transmission power, which can direct shows whether there is a fault in mobile transmission</li> <li>• Output short circuit alarm and current range switched</li> <li>• Cut-off protection ,which can protect when over current and short circuit</li> </ul> |
| <b>Input voltage</b>              | AC 220V±10% 50Hz/60Hz   |
| <b>Operating condition</b>        | Temperature -10°C - 40°C Relative humidity<90%  |
| <b>Output voltage</b>             | 0-12V   |
| <b>Output current</b>             | 0-1A  |
| <b>Range switched</b>             | 1A/20mA   |
| <b>Display accuracy</b>           | ±2.5%   |
| <b>Voltage stability</b>          | ≤0.01%+2mV  |
| <b>Load stability</b>             | ≤0.01%+2mV  |
| <b>Resume time</b>                | ≤100uS  |
| <b>Ripple &amp;noise</b>          | ≤1mVrms (effective value)   |
| <b>Temperature coefficient</b>    | ≤300PPM/°C  |
| <b>Cut-off protection current</b> | ≥1.0A   |
| <b>Dimensions</b>                 | 155(L)×120(W)×90(H)mm   |
| <b>Weight</b>                     | 1.1kg   |



Current-limiting Protection Reverse Polarity Protection

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | TXN-1502D   |
| <b>Features</b>                   | <ul style="list-style-type: none"> <li>• Five fixed voltage to choose</li> <li>• The protective current between 0 to rated value is continuously adjustable</li> <li>• Cut-off protection ,which can protect when over current and short circuit</li> </ul> |
| <b>Input voltage</b>              | AC 220V±10% 50Hz/60Hz   |
| <b>Operating condition</b>        | Temperature -10°C - 40°C Relative humidity<90%  |
| <b>Output voltage</b>             | 0-15V and 1.5V/3.6V/4.8V/7.2V fixed   |
| <b>Output current</b>             | 0-2A  |
| <b>Display accuracy</b>           | ±1%±1word   |
| <b>Voltage stability</b>          | ≤0.01%+2mV  |
| <b>Load stability</b>             | ≤0.01%+2mV  |
| <b>Resume time</b>                | ≤100uS  |
| <b>Ripple &amp;noise</b>          | ≤1mVrms (effective value)   |
| <b>Temperature coefficient</b>    | ≤300PPM/°C  |
| <b>Cut-off protection current</b> | 0.6A - 0.2A   |
| <b>Dimensions</b>                 | 200(L)×125(W)×150(H)mm  |
| <b>Weight</b>                     | 1.8kg   |



Output interface line

This series are multi-functional power supply , which particularly suitable for maintenance of digital electronic products and low power production lines.

# ZHAXIN® Hot Air Rework Station



Anti-static Function Temperature Adjustment SMT



Anti-static Function Temperature Adjustment SMT

| Model                           | 858  | 858D   |
|---------------------------------|--|--|
| <b>Features</b>                 | <ul style="list-style-type: none"> <li>• Microprocessor-controlled, closed circuit sensor design, high power and quick warm-up times. Accurate and stable temperature. The air volume should not be affected, Realize lead-free desoldering.</li> <li>• Adjusting air volume, air volume and temperature, suitable for a variety of applications</li> <li>• This equipment set with automatic refrigeration, which can extended the life of heating element and protect the hot air gun.</li> <li>• Handle with sensor design provide real-time operating convenience. Auto cool-off will be entered into standby mode.</li> <li>• Brushless motor design, long life, the lowest noise.</li> </ul> | <ul style="list-style-type: none"> <li>• Microprocessor-controlled, closed circuit sensor design, high power and quick warm-up times. Accurate and stable temperature. The air volume should not be affected, Realize lead-free desoldering.</li> <li>• Adjusting air volume, air volume and temperature, suitable for a variety of applications</li> <li>• This equipment set with automatic refrigeration, which can extended the life of heating element and protect the hot air gun.</li> <li>• Handle with sensor design provide real-time operating convenience. Auto cool-off will be entered into standby mode.</li> <li>• Brushless motor design, long life, the lowest noise.</li> </ul> |
| <b>Input voltage</b>            | AC 220V ±10% 50Hz/60Hz   | AC 220V ±10% 50Hz/60Hz   |
| <b>Power consumption</b>        | 700W   | 700W   |
| <b>Airflow type of air pump</b> | Brushless Fan with Soft Wind   | Brushless Fan with Soft Wind   |
| <b>Airflow volume</b>           | 120L/Min (Max)   | 120L/Min (Max)   |
| <b>Temperature range</b>        | 100°C - 450°C (212°F - 842°F)  | 100°C - 450°C (212°F - 842°F)  |
| <b>Temperature display</b>      | Scale indication   | LED  |
| <b>Noise</b>                    | <45dB  | <45dB  |
| <b>Adjust the temperature</b>   | Turn knob clockwise/counter-clockwise (Temperature)  | Turn knob clockwise/counter-clockwise (Temperature)  |
| <b>Adjust the air volume</b>    | Turn knob clockwise/counter-clockwise (Air volume)   | Turn knob clockwise/counter-clockwise (Air volume)   |
| <b>Dimensions</b>               | 280(L)×190(W)×170(H)mm   | 280(L)×190(W)×170(H)mm   |
| <b>Weight</b>                   | 1.8kg  | 1.8kg  |



# ZHAOXIN® Hot Air Rework Station

Hot Air Rework Station 868D | Hot Air Rework Station 898D | Hot Air Rework Station 858DH

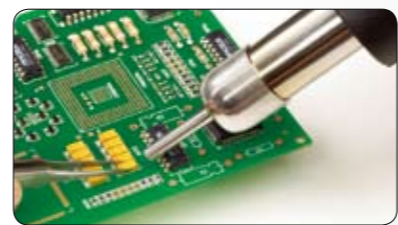


Hot Air Rework Station 850 | Hot Air Rework Station 850A+ | Hot Air Rework Station 850D



| Model                            | 858  | 898D   | 858DH  |
|----------------------------------|--|--|--|
| Features                         | <ul style="list-style-type: none"> <li>The close circuit sensor and the microcomputer which begins to control the temperature above zero, make this equipment truly achieve lead-free unsolder with high power, rapid warming, accurate and stabilizing temperature, without the effect of the air volume.</li> <li>This equipment can be used for many applications with its adjustable air volume, large amount and soft wind and convenience temperature control.</li> <li>Easy to operate. As long as user grips the handle which with sensor switch, the system can quickly enter the operating mode; and as long as user puts the handle back to the handle carrier, the system will automatically enter standby mode.</li> <li>This equipment have the function to cool itself, which can longer the life of heating element and protect the hot air gun.</li> <li>Brushless fan design, long life, minimal noise.</li> </ul> | <ul style="list-style-type: none"> <li>The close circuit sensor and the microcomputer which begins to control the temperature above zero, make this equipment truly achieve lead-free unsolder with high power, rapid warming, accurate and stabilizing temperature, without the effect of the air volume.</li> <li>This equipment can be used for many applications with its adjustable air volume, large amount and soft wind and convenience temperature control.</li> <li>Easy to operate. As long as user grips the handle which with sensor switch, the system can quickly enter the operating mode; and as long as user puts the handle back to the handle carrier, the system will automatically enter standby mode.</li> <li>This equipment have the function to cool itself, which can longer the life of heating element and protect the hot air gun.</li> <li>Brushless fan design, long life, minimal noise.</li> </ul> | <ul style="list-style-type: none"> <li>The close circuit sensor and the microcomputer which begins to control the temperature above zero, make this equipment truly achieve lead-free unsolder with high power, rapid warming, accurate and stabilizing temperature, without the effect of the air volume.</li> <li>This equipment can be used for many applications with its adjustable air volume, large amount and soft wind and convenience temperature control.</li> <li>Easy to operate. As long as user grips the handle which with sensor switch, the system can quickly enter the operating mode; and as long as user puts the handle back to the handle carrier, the system will automatically enter standby mode.</li> <li>This equipment have the function to cool itself, which can longer the life of heating element and protect the hot air gun.</li> <li>Brushless fan design, long life, minimal noise.</li> </ul> |
| Input voltage                    | AC 220V ±10% 50Hz/60Hz   | AC 220V ±10% 50Hz/60Hz   | AC 220V ±10% 50Hz/60Hz   |
| Power consumption                | 700W   | 700W   | 700W   |
| Airflow type of air pump         | Brushless Fan with Soft Wind   | Brushless Fan with Soft Wind   | Brushless Fan with Soft Wind   |
| Airflow volume                   | 120L/Min (Max)   | 120L/Min (Max)   | 120L/Min (Max)   |
| Temperature display (iron)       | Scale indication   | LED  | LED  |
| Temperature display (hot air)    | LED  | LED  | LED  |
| Temperature range (iron)         | 200°C - 480°C (392°F - 896°F)  | 200°C - 480°C (392°F - 896°F)  | 200°C - 480°C (392°F - 896°F)  |
| Temperature range (hot air)      | 100°C - 450°C (212°F - 842°F)  | 100°C - 450°C (212°F - 842°F)  | 100°C - 450°C (212°F - 842°F)  |
| Adjust the temperature (iron)    | Turn knob  | Turn knob  | Turn knob  |
| Adjust the temperature (hot air) | Button   | Button   | Button   |
| Adjust the air volume            | Turn knob  | Turn knob  | Button   |
| Dimensions                       | 280(L)×190(W)×170(H)mm   | 280(L)×190(W)×170(H)mm   | 280(L)×190(W)×170(H)mm   |
| Weight                           | 1.8kg  | 1.8kg  | 1.8kg  |

| Model                    | 850   | 850  | 850D  |
|--------------------------|---|--|---|
| Features                 | <ul style="list-style-type: none"> <li>ESD safe design, which can prevent the PCB board from damage due to static and leakage.</li> <li>Tin soldering which need not touch solder joints can avoid displacement and heat shock.</li> <li>Adjustable air flow and temperature that can solder IC with QFP and SOP type. According to requirements, you can choose the nozzle when soldering and detinning.</li> <li>After temperature setting, the light rapid flashes.</li> <li>Imported heating element, both the nozzle and the heater as the same as international brand.</li> <li>The fan will still work after end soldering or turn off the station. Helping extend the life of heater and handle.</li> </ul> | <ul style="list-style-type: none"> <li>ESD safe design, which can prevent the PCB board from damage due to static and leakage.</li> <li>Tin soldering which need not touch solder joints can avoid displacement and heat shock.</li> <li>Users can adjust air volume and temperature significantly to solder IC of QFP and SOP types, and users also can select different nozzle according to the requirement when soldering and detinning.</li> <li>Constant temperature function. This equipment will enter a state of constant temperature with the indicator intermittence blink when the temperature reaches desired setting.</li> <li>The heater in this equipment is imported, both the nozzle and the heater are the same as international brand.</li> <li>The fan will still work for a moment after you end soldering and turn off the station, which can extend the life of the heater and the handle.</li> </ul> | <ul style="list-style-type: none"> <li>ESD safe design, which can prevent the PCB board from damage due to static and leakage.</li> <li>Tin soldering which need not touch solder joints can avoid displacement and heat shock.</li> <li>Users can adjust air volume and temperature significantly to solder IC of QFP and SOP types, and users also can select different nozzle according to the requirement when soldering and detinning.</li> <li>Temperature LED display and precise control.</li> <li>Constant temperature function. This equipment will enter a state of constant temperature with a "di" sound and rapid blink indicator when the temperature reaches desired setting.</li> <li>The heater in this equipment is imported, both the nozzle and the heater are the same as international brand.</li> <li>The fan will still work for a moment after you end soldering and turn off the station, which can extend the life of the heater and the handle.</li> </ul> |
| Input voltage            | AC 220V ±10% 50Hz/60Hz  | AC 220V ±10% 50Hz/60Hz   | AC 220V ±10% 50Hz/60Hz  |
| Power consumption        | 700W  | 700W   | 700W  |
| Airflow type of air pump | Diaphragm type  | Diaphragm type   | Diaphragm type  |
| Airflow volume           | 24L / Min (Max)   | 24L / Min (Max)  | 24L / Min (Max)   |
| Temperature range        | 100°C - 450°C   | 100°C - 450°C  | 100°C - 450°C   |
| Temperature display      | Scale indication  | Scale indication   | LED   |
| Noise                    | <45dB   | <45dB  | <45dB   |
| Dimensions               | 330(L)×275(W)×195(H)mm  | 330(L)×275(W)×195(H)mm   | 330(L)×275(W)×195(H)mm  |
| Weight                   | 3.6kg   | 3.7kg  | 3.7kg   |





Hot Air Rework Station 852

Hot Air Rework Station 852A



| Model                     | 852  | 852A   |
|---------------------------|--|--|
| Features                  | <ul style="list-style-type: none"> <li>ESD safe design, which can prevent the PCB board from damage due to static and leakage.</li> <li>Tin soldering which need not touch solder joints can avoid displacement and heat shock.</li> <li>Users can adjust air volume and temperature significantly to solder IC of QFP and SOP types, and users also can select different nozzle according to the requirement when soldering and detinning.</li> <li>Temperature LED display and precise control.</li> <li>Constant temperature function. This equipment will enter a state of constant temperature with a "di" sound and rapid blink indicator when the temperature reaches desired setting.</li> <li>This equipment with air volume scale can adjust the airflow quickly and accurate.</li> <li>The heater in this equipment is imported, both the nozzle and the heater are the same as international brand.</li> <li>The fan will still work for a moment after you end soldering and turn off the station, which can extend the life of the heater and the handle.</li> </ul> | <ul style="list-style-type: none"> <li>2 In 1 rework station to save the space and convenient to operate.</li> <li>ESD safe design, which can prevent the PCB board from damage due to static and leakage.</li> <li>Tin soldering which need not touch solder joints can avoid displacement and heat shock.</li> <li>Users can adjust air volume and temperature significantly to solder IC of QFP and SOP types, and users also can select different nozzle according to the requirement when soldering and detinning.</li> <li>The indicator will blink rapidly when the temperature reach desired setting.</li> <li>The heater in this equipment is imported, both the nozzle and the heater are the same as international brand.</li> <li>The fan will still work for a moment after you end your unsoldering and turn off the station, which can extend the life of the heater and the handle.</li> </ul> |
| Input voltage             | AC 220V ±10% 50Hz/60Hz   | AC 220V ±10% 50Hz/60Hz   |
| Power consumption         | 700W   | 760W   |
| Airflow type of air pump  | Diaphragm type   | Diaphragm type   |
| Airflow volume            | 24L / Min (Max)  | 24L / Min (Max)  |
| Temperature display       | LED  | Scale indication   |
| Noise                     | <45dB  | <45dB  |
| Power consumption of iron |  | 60W  |
| Temperature range of iron |  | 200-480°C  |
| Dimensions                | 330(L)×275(W)×195(H)mm   | 330(L)×275(W)×195(H)mm   |
| Weight                    | 3.7kg  | 3.7kg  |

# ZHAOXIN® Hot Air Rework Station

NEW!



Anti-static Function Temperature Adjustment SMT

Hot air gun cooling system Heater easy to replace



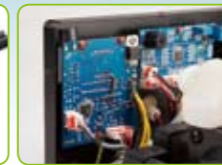
Welding operation



Reworking



Hot air gun Seal design to prevent gas leakage



Only 3 screws, convenient disassembly



Seiko assembly



Plug-in design for heater is easy replacement

| Model                        | 852D   |
|------------------------------|--|
| Features                     | <ul style="list-style-type: none"> <li>Rework station and soldering station integration design, space saving, convenient operation</li> <li>Using precision digital control temperature circuit, accurate temperature and stable airflow</li> <li>Double power switch design, reworking station and soldering stations can be used independently</li> <li>LED display temperature</li> <li>Precision temperature control iron. Built-in sensors, accurate temperature control</li> <li>Hot air by Electronic closed-loop circuit and lead sensor control, air temperature is more accurate</li> <li>Mute type big air diaphragm type air pump, low noise</li> <li>Automatic cooling system</li> <li>Hot air gun Seal design to prevent gas leakage</li> <li>Plug-in design for heater is easy replacement</li> </ul> |
| Input voltage                | AC 220V±10%, 50/60Hz   |
| Power consumption            | 760W   |
| Power consumption of iron    | 60W  |
| Temperature range of iron    | 200°C-480°C (392°F-896°F)  |
| Temperature range of hot air | 100°C-450°C (212°F-842°F)  |
| Airflow type of air pump     | Diaphragm type   |
| Airflow volume               | 24L/Min (max)  |
| Noise                        | 45dB   |
| Temperature display          | LED  |
| Dimensions                   | 330×275×195mm  |
| Weight                       | 3.7Kg  |

# ZHAOXIN<sup>®</sup> 936 Soldering Station



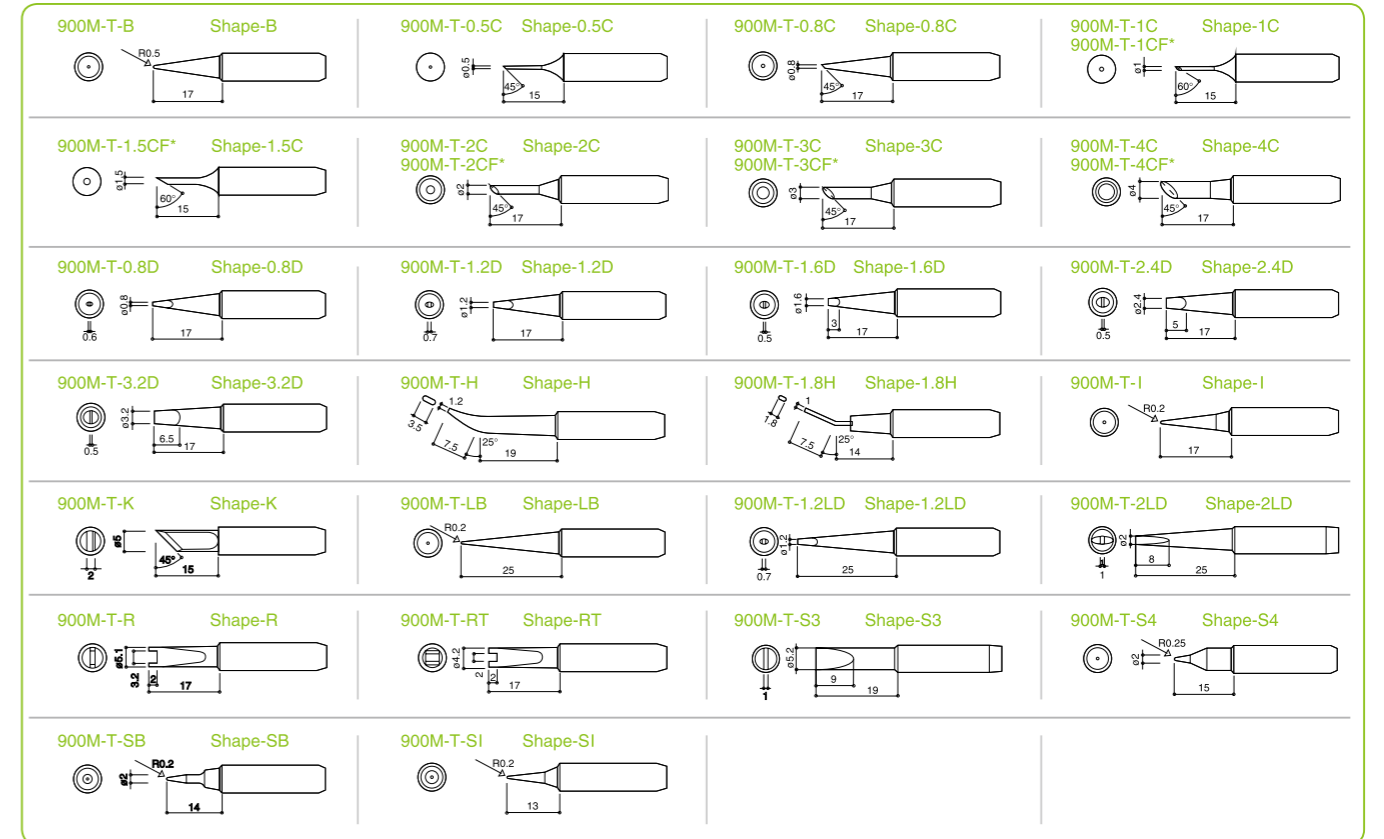
Anti-static Function Temperature Adjustment SMT

Anti-static Function Temperature Adjustment SMT

| Model             | 936A+  | 936D  |
|-------------------|--|---|
| Features          | <ul style="list-style-type: none"> <li>Microprocessor-controlled ESD safe.</li> <li>Imported heating element is adopted to advance technology, to make long life.</li> <li>Heating element used to low DC power supply to ensure ESD safe.</li> <li>Heating element use to main power is completely isolated power grid</li> <li>Handle is so light that can work for a long time, and never feel tired.</li> <li>Adjust temperature control with lock/set screw.</li> </ul> | <ul style="list-style-type: none"> <li>The whole equipment using conductive materials, specifically designed to prevent static electricity.</li> <li>The heater with imported materials and advanced technology has a long life.</li> <li>The heater uses low voltage DC power supply to ensure prevent anti-static, non-leakage, non-interference.</li> <li>The main power which used by the heater is completely separated from power grid.</li> <li>The handle is so light that users never feel tired even work a long time.</li> </ul> |
| Power consumption | 60W  | 60W   |
| Output voltage    | AC 24V   | AC 24V  |
| Temperature range | 200°C - 480°C (392°F - 896°F)  | 200°C - 480°C (392°F - 896°F)   |
| Display mode      | Scale indication   | LED   |
| Dimensions mm     | 155×113×92   | 155×113×92  |
| Weight            | 1.58Kg   | 1.58Kg  |
| Standard tip      | 900M-T-B   | B   |

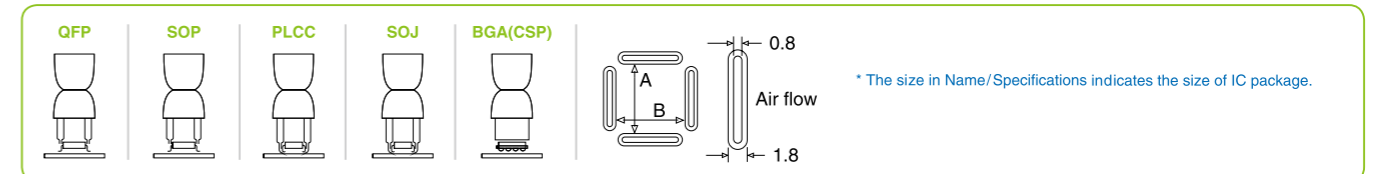
## Tips(Optional accessory)

Tip Out Dia.φ6.5mm

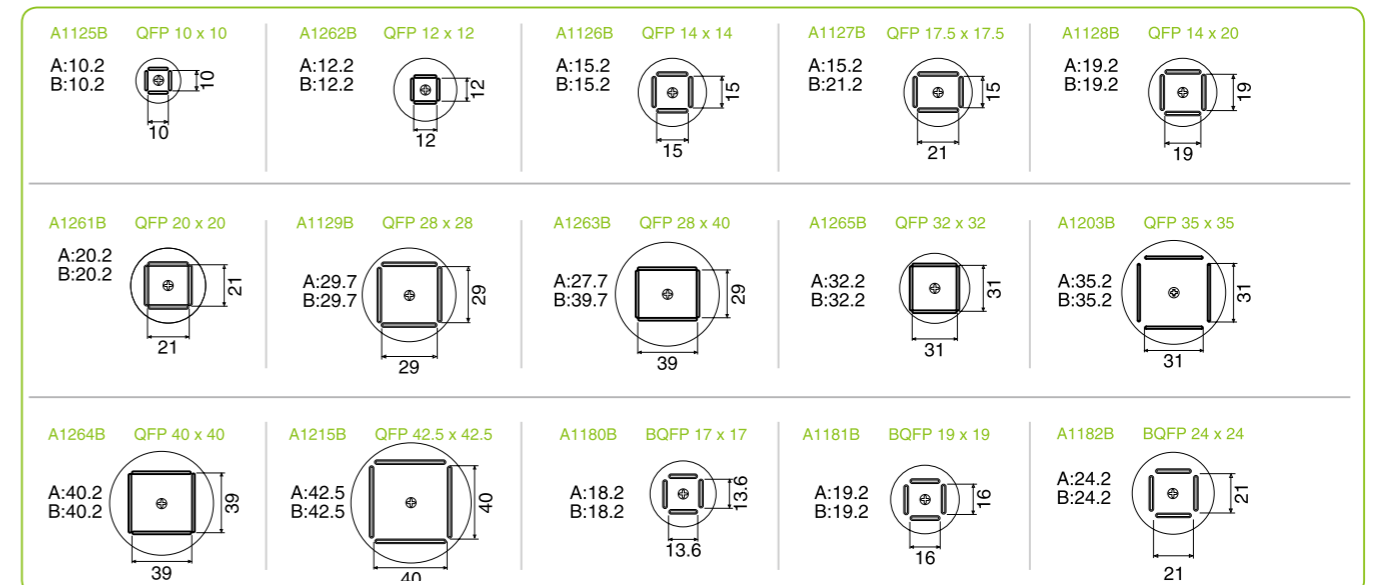


## Nozzles(Optional accessory)

Unit: mm

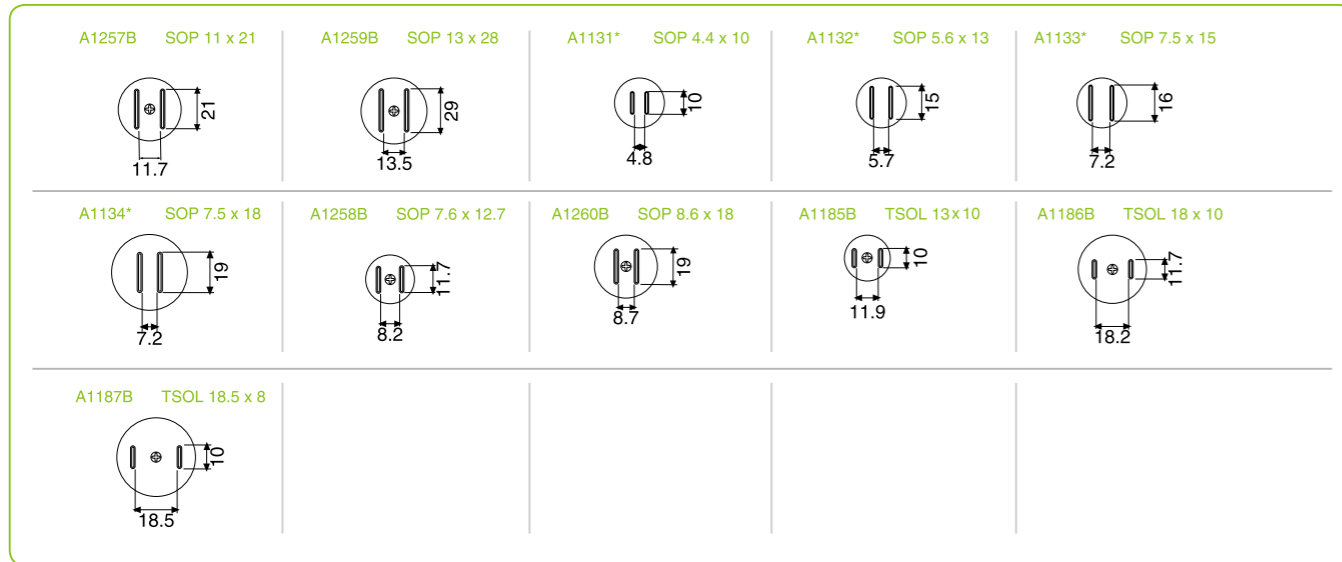


## QFP

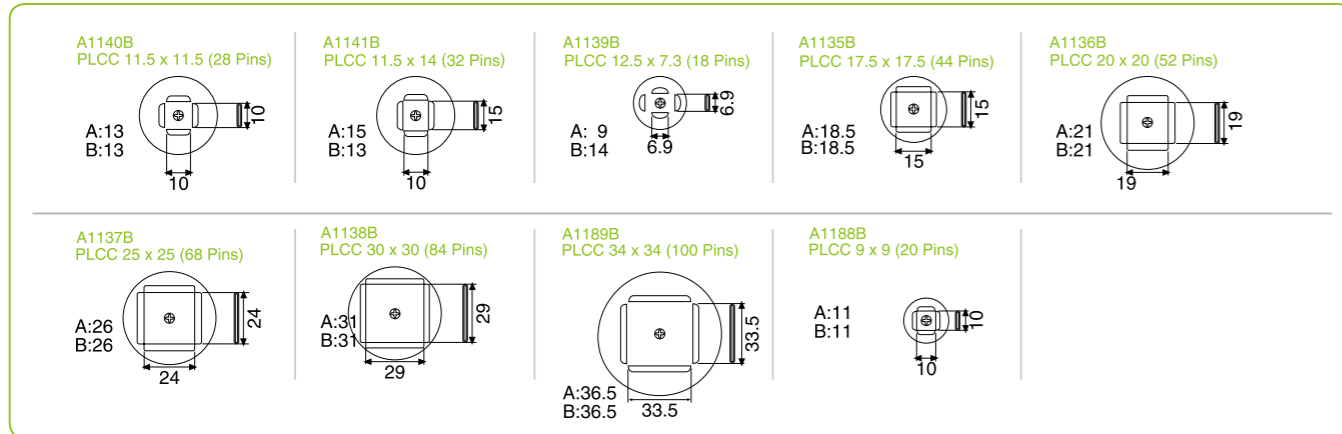




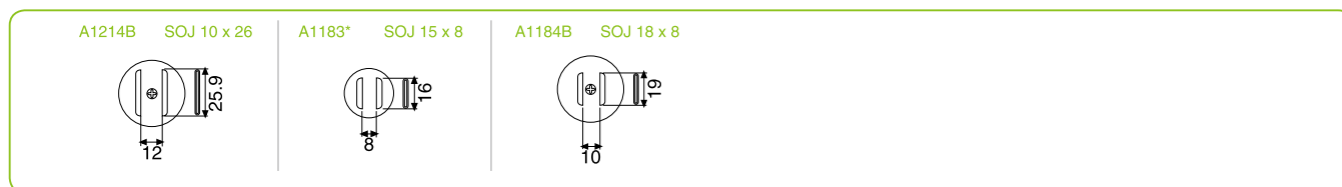
## SOP/SOL



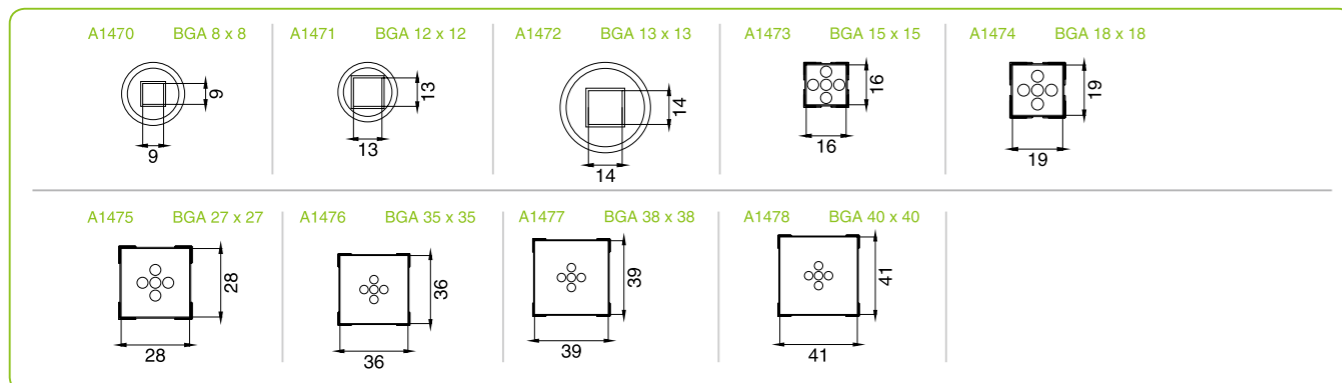
## PLCC



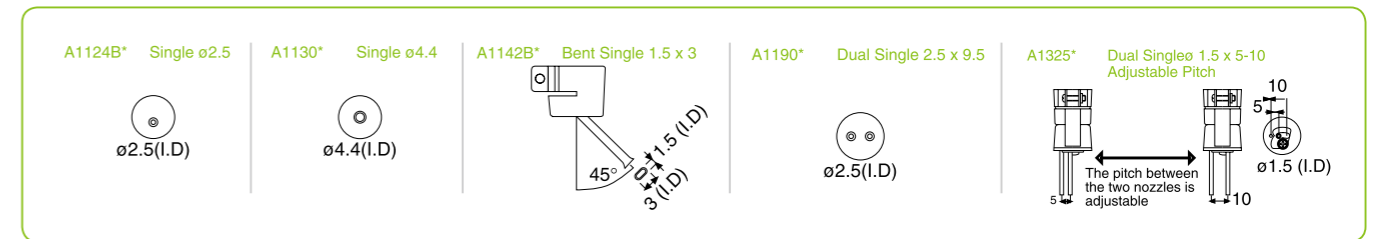
## SOJ



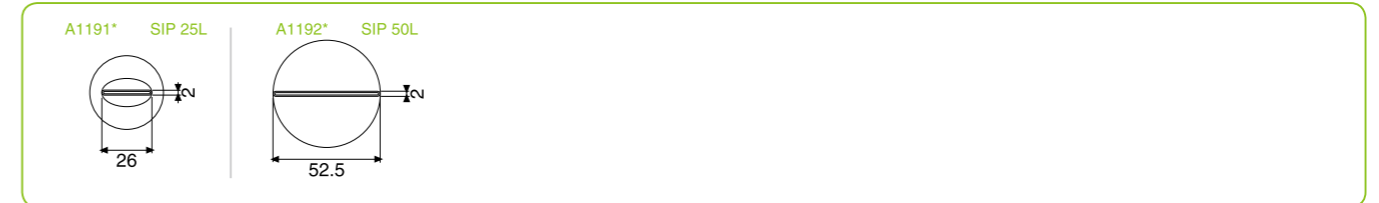
## BGA



## Single



## SIP



## Accessories



858 handle



Soldering iron handle



Hot gun handle



Output line



Computer interface cable



850A+/850D/852D heater



Iron heater



Ceramic heater



Import ceramic heater

## Dc Brushless Fan & Micro Motor Comprehensive Test Instrument

|                            |  |             |
|----------------------------|--|-------------|
| Model                      | 30   | 60          |
| Output voltage             | 0-30V  | 0-60V       |
| Output current             | 0-3A   | 0-3A        |
| Weight                     | 4.84kg   | 6.24kg      |
| Dimensions (mm)            | 230×260×160  | 230×260×160 |
| Input voltage              | AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required )   |             |
| Operating temperature      | -10°C - 40°C Relative humidity <90%  |             |
| Storage temperature        | -20°C - 80°C Relative humidity <80%  |             |
| Constant voltage operation | Voltage stability ≤0.01+2mV, Load stability ≤0.01+2mV, Resume time ≤100uS, Ripple& noise ≤1mVrms (effective value), Temperature coefficient ≤200PPM/°C   |             |
| Constant current operation | Current stability ≤0.1+3mA, Load stability ≤0.2+3mA, Ripple & noise ≤3mArms (effective value)  |             |
| Voltage display accuracy   | ±1%±1 word   |             |
| Current display accuracy   | ±1%±1 word   |             |
| Speed measurement range    | ≤8000.0N/M   |             |
| Introduction               | DC brushless fans & micro motor comprehensive tester is a special equipment which can provide power supply, test the speed and leakage test, it is developed for the production of DC brushless fan and micro motor. Easy to use, stable power supply and test accurately make it be an essential equipment of the factory produce DC brushless fan and micro motor.   |             |
| Features                   | <ul style="list-style-type: none"> <li>• Single channel output</li> <li>• DC brushless fan "S" terminal test</li> <li>• Output voltage, output current value and revolutions digital display</li> <li>• Current-limiting protection and users can set the current-limiting protection point arbitrarily</li> <li>• Reverse polarity protection</li> <li>• Internal radiator, cooling fan</li> <li>• DC micro motor leakage test</li> </ul> |             |



## Frequency Counter



| Model                 | F1000L   | F2400L                     | F2700L                       |
|-----------------------|--|----------------------------|------------------------------|
| Display               | 8 digital LED  |                            |                              |
| Channel               | A  | B                          |                              |
| Frequency range       | 10Hz-10MHz direct count  | 10MHz-1GHz, 2.4GHz, 2.7GHz |                              |
|                       | 10MHz-100MHz proportional count  | proportional count         |                              |
| Resolution            | 1Hz, 10Hz, 100Hz   | 100Hz, 1KHz, 10KHz         |                              |
| Gate time             | 0.01S, 0.1S, 1S  |                            |                              |
| Accuracy              | ±1count±time base time error×measure frequency   |                            |                              |
| Sensitivity           | 10Hz-8MHz 20mVrms/8MHz-10MHz   | 30mVrms/10MHz-80MHz        | 20mVrms/80MHz-100MHz 30mVrms |
| Input impedance       | 1MΩ (≤30pF)  | 50Ω                        |                              |
| Maximum input voltage | 250Vrms  | 3V                         |                              |
| Stability             | Short term stability: ±3×10 <sup>-9</sup> /s long term stability: ±2×10 <sup>-5</sup> /month |                            |                              |
| Power                 | AC 220V±10% 50/60Hz  |                            |                              |
| Dimensions(mm)        | 355×250×140  |                            |                              |





Current-limiting Protection Reverse Polarity Protection

**NEW!** PTC Resettable Fuse Comprehensive Test Instrument

- Specifications**
- Output voltage:0-30V
  - Output current:0-20A
  - Current resolution:100mA
  - PTC components rated current test, conduction time in 1-99 minutes set arbitrary
  - PTC components over rated current test
  - Delay time in 1-99 second set arbitrary



Current-limiting Protection Reverse Polarity Protection

**NEW!** HET Series Manual Reset Circuit Breaker Comprehensive Test Instrument

- Specifications**
- Introduction** This product is special test instrument developed for the manufacturers of circuit breaker, outlet, power converter, instrumentation, small generator and so on. Output voltage and output current are continuously adjustable.
- Features**
- Single channel output
  - Internal radiator, cooling fan
  - LED display
  - Current-limiting protection and users can set the current-limiting protection point arbitrarily
  - Reverse polarity protection
- Applications** Manufacturers of circuit breaker/ Manufacturers of outlet
- Input voltage** AC 220V±10% 50/60Hz (also can be AC 110V±10% 50/60Hz if required )
- Operating temperature** - 10°C - 40°C Relative humidity <90%
- Storage temperature** - 20°C - 80°C Relative humidity <80%
- Output voltage** 0-5V
- Output current** 0-50A 10-70A
- Test function** Timing range: 00.001 - 99.999 s  
Upper and lower limits setting range: 00.010 - 99.00s  
Time resolution: 0.001s  
Minimum timing starting current: ≥2A  
Timing current test range: 2A - 70A
- Constant voltage operation** Voltage stability: ≤0.01%+2mV  
Load stability: ≤0.01%+2mV  
Resume time: ≤100uS  
Ripple& noise: ≤1mVrms (effective value)  
Temperature coefficient: ≤200PPM/°C
- Constant current operation** Current stability: ≤0.2%+3mA  
Load stability: ≤0.2%+3mA  
Ripple& noise: ≤3mArms (effective value)
- Voltage display accuracy** ±1% ±1 word
- Current display accuracy** ±1% ±1 word
- Weigh** 15 kg
- Dimensions** 410mm×260mm×160mm



**NEW!**



Current-limiting Protection Reverse Polarity Protection

- Model** DF - 3010D
- Introduction** This product is special test instrument with loudness test, frequency test, on-off test, which is developed for the manufacturers of automobile and motorcycle's electric horn. It can display voltage, current and count respectively with the control of single-chip computer. The product can test the durability of 12V and 24V automobile electric horn. It is an essential equipment of the manufacturers of automobile and motorcycle's electric horn with easy to use, stable supply voltage and accurate test.
- Features**
- Single channel output
  - Internal radiator, cooling fan
  - Three groups of test voltage have fixed output and adjustable output, so it can be used in the production line and for product research and development.
  - Quickly protect when output short circuit.
  - Front output terminal
  - LED display.
- Application** Auto industry / Electronic industry / Research Institutions / Educational Institutions
- Output voltage** 0-30V
- Output current** 0-10A
- Input voltage** AC 220V±10% 50/60Hz e (also can be AC 110V±10% 50/60Hz if required )
- Operating temperature** -10°C-40°C Relative humidity <90%
- Storage temperature** -20°C-80°C Relative humidity <80%
- Frequency test** Range of frequency test: 1-1.999KHz 4digit LED display  
Accuracy of frequency test:<1%±1 word
- Ring and stop test**
- Setup ring and stop time freely
  - Setup ring time:1- 99.99s
  - Setup stop time:1- 99.99s
  - Circle of ring and stop: 50 - 50000time
- Constant voltage operation**
- Voltage stability: ≤0.01%+2mV
  - Load stability: ≤0.01%+2mV
  - Resume time: ≤100us
  - Ripple& noise: ≤1mVrms (effective value)
  - Temperature coefficient: ≤200PPM/°C
- Constant current operation**
- Current stability: ≤0.2%+3mA
  - Load stability: ≤0.2%+3mA
  - Ripple& noise: ≤3mArms (effective value)
- Voltage display accuracy** ±1%±1 word
- Current display accuracy** ±1%±1 word



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