

Features

- **Programmable Power supply**
- **Auto Ranging**
- 0~80V, 0~5A Max 100W Power
- Remote Sensing
- 4 Digits display each for Voltage & Current
- New Generation, New Technology
- Slim Design, Advanced DC Power supply
- Switching type - Having High Accuracy
- High Resolution : 10 mV / 1 mA
- High Stability, Low Ripple & Noise
- With P.C. Interface (RS232 & RS485)
- Output ON/OFF function
- Constant Power mode
- Data Record facility
- Multiple protections: OVP, OCP, OTP



Auto-range power supply allows wider voltage and current output than a conventional power supply.
User friendly & Easy to use.

Specifications :

| | | |
|--------------------------------|--|--------------|
| Rated Output | Voltage | 0.5~81V |
| | Current | 0~5.1A |
| | Power | 100W |
| | Power ratio | 4.131 |
| | OVP | 0.5~88V |
| | OCP | 0.1~5.5A |
| Line regulation | Voltage | ≤0.01%+3mV |
| | Current | ≤0.1%+5mA |
| Load regulation | Voltage | ≤20mV |
| | Current | ≤10mA |
| Setting accuracy | Voltage | ≤0.05% +10mV |
| | Current | ≤0.2% +2mA |
| Reading accuracy | Voltage | ≤0.05% +10mV |
| | Current | ≤0.2% +2mA |
| Setting resolution | Voltage | 10mV |
| | Current | 1mA |
| Reading resolution | Voltage | 10mV |
| | Current | 1mA |
| Ripple & Noise (20Hz-20MHz) | Voltage | v ≤10mVrms |
| | Current | ≤8mArms |
| Rise time | Empty load | ≤300ms |
| | Full load | ≤300ms |
| Fall time | Empty load | ≤500ms |
| | Full load | ≤200ms |
| Max compensation voltage | 2V | |
| Recovery time | ≤5ms (50% load change) | |
| Efficiency | 80% typical | |
| Power factor | 0.9 typical | |
| Protection | Over voltage, over current and over temperature protections | |
| Standard Interface | RS232 & RS485 interface, Support SCPI & ModBus-RTU commands | |
| Optional interface | USB, LAN | |
| External trigger | Through 2-pin terminal on rear panel | |
| Memory | 100x4 memories (100 groups, 4 memories in each group) | |
| Withstanding voltage | I/P-FG: 2KVAC/min ≤5mA | |
| Insulation | O/P-FG: 500VDC >100MΩ | |
| Operating environment | 0~40°C, ≤80% | |
| Storage environment | -10°C~70°C, ≤70%RH | |
| Power source | AC 100V~240V, 47~63Hz | |
| Accessories | Power cord x1, Operation manual x1, RS232 cable x1, Software CD x1 | |
| Dimension | 55Wx140Hx315D mm | |
| Weight | 1.8kg | |