

Features

- Advanced PWM control technology
- Auto CV/CC switch
- Encoder Switches for Coarse & Fine Control for both V & I
- **Pre-Setting of Voltage & Current**
- Output ON/OFF control Option
- Multiple protections – O.V.P., O.C.P., O.T.P. & O.P.P.
- Adjustable O.V.P. range 110%
O.C.P. fixed 100% of Max., Current Range
- Intelligent Temperature Control Cooling Fan
- Low ripple & noise



This Series of D.C. power supplies are available in models with output range up to **6KW**. This series can be made according to customer request, with various output voltage and output current.

Over Voltage Protection, Over Current Protection, Over Temperature Protection and Over Load Protection keep these and their load safe from unexpected conditions.

High Accuracy, high stability and low ripple & noise make these an ideal solution for various industrial applications.

P.C. Interface Options (USB / RS232 / RS485 - Any One). Normally USB

| | |
|-----------------------|--|
| Output power | 1200 W |
| Working mode | PWM |
| Output | |
| Output voltage | DC 0 to 30 V full range adjustable |
| Output current | DC 0 to 40 A full range adjustable |
| O.V.P. range | DC 1~110%FS |
| O.C.P. range | DC 1~110%FS |
| O.P.P. range | DC 1~100%FS |
| Line regulation | ≤0.5%FS |
| Load regulation | ≤0.5%FS |
| Ripple & Noise | ≤0.5%FS rms |
| Setting accuracy | 0.1%FS +1 digit |
| Display | |
| Voltmeter | 4 digits LED display |
| Ammeter | 4 digits LED display |
| Voltage resolution | 0.000-9.999V; 00.00-99.99V; 000.0-999.9V |
| Current resolution | 0.000-9.999A; 00.00-99.99A; 000.0-999.9A |
| Readback accuracy | 0.1%FS +1 digit |
| Communications | |
| Interface | USB Device, can be changed to RS232 or RS485 interface at request |
| Protocols | ModBus-RTU |
| General | |
| Protection | Over voltage, over current, over temperature and over power protections |
| Operating environment | 0°C~40°C, <80%RH |
| Storage environment | -10°C ~70°C, <80%RH |
| Power source | AC110V/220V±10%, 50/60Hz |
| Input module | Power socket or terminal block |
| Dimension | 260x160x380mm (L chassis, 500W~3000W) 260x160x440mm (XL chassis, 1800W~5000W) |
| Weight | Approx. 4.5 kgs |

