

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	450 W
Working mode	PWM
Output	
Output voltage	DC 0 to 150 V full range adjustable
Output current	DC 0 to 3 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

