

# SE-1000 Series

## 1000W Single Output Power Supplies



### FEATURES

- AC input range switch selectable
- AC input active surge current limiting
- Short circuit, overload, over voltage, over-temperature protections
- High power density 7.3w/in<sup>3</sup>
- DC OK signal output
- Forced air cooling by built-in fan
- Built-in remote ON-OFF control
- Built-in remote sense function
- UL/cUL approved
- 2 years warranty

### ENVIRONMENTAL

Operating Temp: -20 to +60°C

Storage Temp: -40 to +85°C

### SAFETY / EMC

UL60950-1

### ELECTRICAL SPECIFICATIONS

Model No.	SE-1000-XX					
XX	5	9	12	15	24	48
AC Input	90-130/180-264VAC switch selectable, 47-63Hz					
DC Input	254-370VDC					
DC Output						
Voltage	5V	9V	12V	15V	24V	48V
Current	0-150A	0-100A	0-83.3A	0-66.7A	0-41.7A	0-20.8A
Rated Power	750W	900W	999.6W	1000W	1000W	998.4W
Ripple & noise (p-p)	150mV	150mV	150mV	150mV	200mV	200mV
Voltage Tolerance	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Overload	105 - 125% of rated output power Shut down output voltage. Re-power on to recover.					
Over Voltage	5.75-6.3	10.4-12.2	13.8-16.2	18-21	28-32.4	57.6-67.2
Over Temperature	70°C±5°C (TSW1) Detect on heatsink of power transistor Shut down O/P volts. Auto recover when temp. drops.					
Dimensions	278(L) x 127(W) x 63.5(H)mm					
Weight	2.5Kg					

- Notes:**
1. All parameters *NOT* specially mentioned are measured at 230VAC input, rated load and 25°C ambient temperature.
  2. Ripple and noise are measured at 20MHz bandwidth by using a 12" twisted pair wire terminated with a 0.1µF and 47µF parallel capacitor.
  3. Tolerance includes set up tolerance, line and load regulation.

Specifications subject to change without notice

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