

RSP-1500 Series

1500W Single Output Power Supplies



FEATURES

- Universal AC input - Full range
- AC input active surge current limiting
- High efficiency up to 91%
- Active PFC
- Short circuit, overload, over voltage, over-temperature protections
- Forced air cooling by built-in fan
- Output voltage adjustment 70-100%
- Current sharing up to 6000W (3+1)
- Alarm signal output
- Built-in 12V/0.1A aux. output for remote control
- Built-in remote ON-OFF control
- Built-in remote sense function

ENVIRONMENTAL

Operating Temp: -20 to +70°C

Storage Temp: -40 to +85°C

SAFETY / EMC (SEE NOTE 4)

EN60950
UL60950

EN55022
EN61000-3-2,-3
EN61000-4-2, 3, 4, 5, 6, 8, 11

ELECTRICAL SPECIFICATIONS

Model No.	RSP-1500-XX					
XX	5	12	15	24	27	48
AC Input	90-265VAC, Single Phase, 48-62Hz					
DC Input	127-370VDC					
DC Output						
Voltage	5V	12V	15V	24V	27V	48V
Current	0-240A	0-125A	0-100A	0-63A	0-56A	0-32A
Rated Power	1200W	1500W	1500W	1512W	1512W	1536W
Ripple & noise (p-p)	150mV	150mV	150mV	150mV	150mV	200mV
Voltage Tolerance	±2.0%	±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	±2.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Overload	Constant I limiting. O/P will shut down after 5 secs.					
Over Voltage	Shut down O/P voltage. Re-power on to recover.					
Over Temperature	Shut down O/P volts. Auto recover when temp. drops.					
Dimensions	278(L) x 127(W) x 83.5(H)mm					
Weight	2.6Kg					

- 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.
 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.
 5. Derating may be needed under low input voltage conditions.

Specifications subject to change without notice

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