

320 Watt, RSP-320 Series, Enclosed Power Supply

- Universal AC Input with PFC
- High Efficiency up to 90%
- High Reliability, 3 year warranty
- Short Circuit, Over Voltage, Over Load, Over Temperature Protection
- Full Approvals : UL/CUL/TUV/CB/CE
- Forced air cooling by built in DC fan with fan speed control function
- Conformal coating option
- 1U Low profile 30mm



Specification

Input Voltage.....	.88~264 VAC, 47~63 Hz (124-370 VDC)
Power Factor.....	0.95 @ 230 VAC, 0.98 @ 115 VAC
Output Voltage.....	See table below
Over Load Protection.....	105~135% O/P Hiccup Mode
Over Voltage Protection.....	Dependant on model, typically 135%
Set Up, Rise, Hold Up Time.....	typ 1500ms, 50ms, 8ms @ Full Load/230 VAC
Withstand Voltage.....	I/P-O/P: 3 kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC
Operating Temperature	-30 to +70 °C, see derating curve
Safety Standards.....	UL60950-1 TUV EN60950-1
EMC.....	EN55022, (CISPR22) Class B, EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3, EN55024, light industry level, criteria A
Mechanical Size & Weight.....	215 x 115 x 30 mm, 0.9 Kg
Connections Input & Output.....	Screw Terminals

Models and Ratings]

Model	Output Voltage	Output Voltage Adj Range	Maximum Output Current	Efficiency
RSP-320-2.5	2.5 Volts	2.35 to 2.85 Volts	60 Amps	79.5 %
RSP-320-3.3	3.3 Volts	2.97 to 3.8 Volts	60 Amps	82 %
RSP-320-4	4 Volts	3.7 to 4.3 Volts	60 Amps	84.5 %
RSP-320-5	5 Volts	4.5 to 5.5 Volts	60 Amps	85 %
RSP-320-7.5	7.5 Volts	6 to 9 Volts	40 Amps	88 %
RSP-320-12	12 Volts	10 to 13.2 Volts	26.7 Amps	88 %
RSP-320-13.5	13.5 Volts	12 to 15 Volts	23.8 Amps	88 %
RSP-320-15	15 Volts	13.5 to 18 Volts	21.4 Amps	88.5 %
RSP-320-24	24 Volts	20 to 26.4 Volts	13.4 Amps	89 %
RSP-320-27	27 Volts	26 to 31.5 Volts	11.9 Amps	89 %
RSP-320-36	36 Volts	32.4 to 39.6 Volts	8.9 Amps	89.5 %
RSP-320-48	48 Volts	41 to 56 Volts	6.7 Amps	90 %

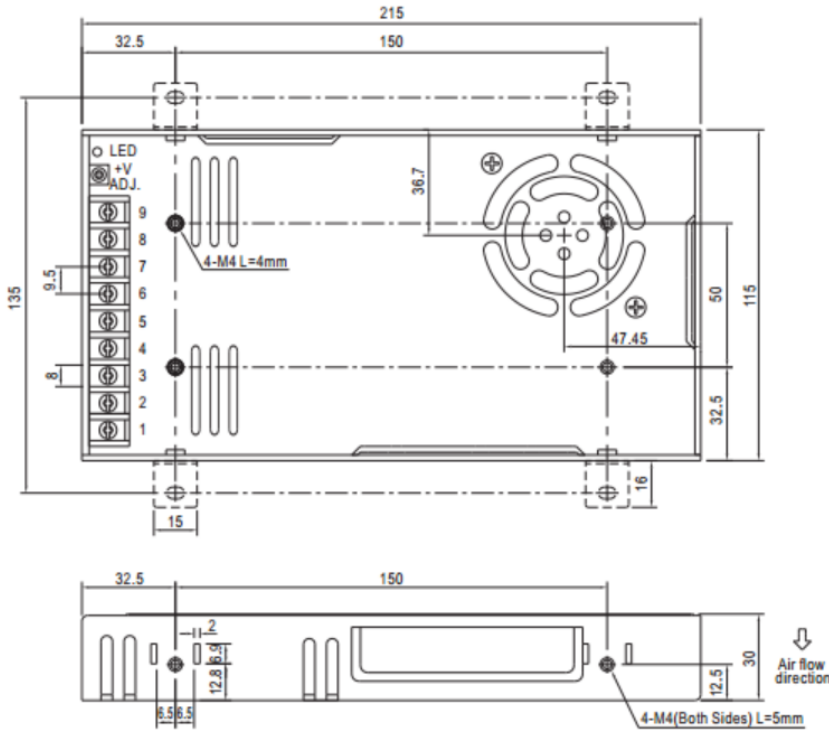
Please see next page for mechanical drawings.

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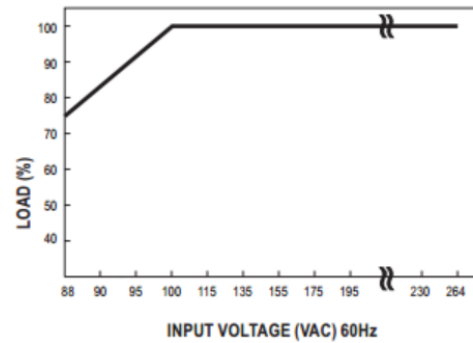
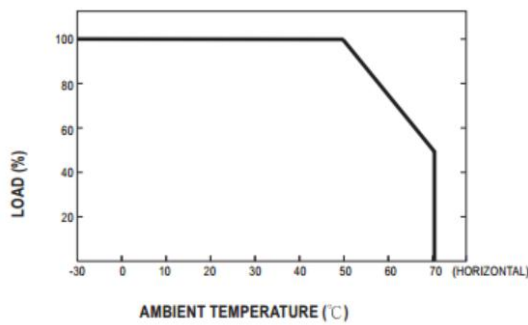
Mechanical Drawings.



AC Input Connections	
Terminal	Function
1	AC Live
2	AC Neutral
3	Input Earth

DC Output Connections	
Terminal	Function
4~6	-DC Out
7~9	+DC Out

Derating Curve & Static characteristics :



Specifications may change without notice. E&OE. ALL PSU Terms & Conditions apply.

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