



RSP-320W Single output power supply

Summary

- > Single output: power 320W
- > Input voltage: 90~264VAC, 135~370VDC



General Specification

215×115×30mm

Specification \ Model	RSP-320-12	RSP-320-24	RSP-320-36	RSP-320-48
DC output voltage, current	12V 0 ~ 26.7A	24V 0 ~ 13.3A	36V 0 ~ 8.9A	48V 0 ~ 6.7A
Wave and noise	150mVp-p	200mVp-p	220mVp-p	240mVp-p
Line regulation rate	± 0.5%	± 0.5%	± 0.5%	± 0.5%
Load regulation rate	± 1%	± 0.5%	± 0.5%	± 0.5%
Efficiency	91%	92.5%	93%	94%
Adjustable range for DC voltage	± 10%	± 10%	± 10%	± 10%
Input voltage range	90~264VAC, 135~370VDC (Can withstand 300VAC surge input for 5 seconds without damage) 47~63Hz			
AC input current	4.0A/115V 2.0A/230VAC			
Power factor	PF≥0.99/115VAC, PF≥0.95/230VAC (When fully loaded)			
Impact current	Cold start current 40A/230VAC			
Overload protection	Overload protection is activated at 100%~125% of the rated output power. Protection method: Isolation mode, can automatically restore normal output after removing abnormal conditions.			
Overvoltage protection	Starting overvoltage protection at 115%~135% of rated output voltage. Protection method: Isolation mode, can automatically restore normal output after removing abnormal conditions.			
Over temperature protection	85°C ± 10°C Protection method: Isolation mode, can automatically recover after the temperature returns to normal			
Setup, rise, hold up time	800ms, 50ms, 16ms/230VAC (When fully loaded)			
Withstand voltage	Input/output space (I/P~O/P): 1.5KVAC input to ground (I/P~FG): 1.5KVAC output to ground (O/P~FG): 0.5KVAC			
Insulation resistance	Input/output (I/P~O/P), input to ground (I/P~FG), output to ground (O/P~FG): 100M Ohms/500VDC/25 ° C/70% RH			
Working temperature/humidity	-20°C ~ +60°C 20%~90% RH, No condensation			
Dimension	215 × 115 × 30mm (L*W*H)			
Packing	0.8kg/20pcs/17.5kg/0.003m³			

Overall dimension(mm)

Terminal Pin Assignment

Pin number	Assignment	Pin number	Assignment
1	AC/L	4~6	DC OUTPUT -V
2	AC/N	7~9	DC OUTPUT +V
3	FG		

