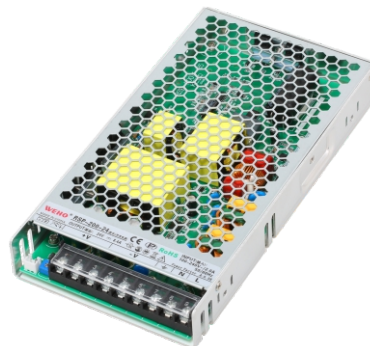




RSP-200W Single output power supply

Summary

- > Single output: power 200W
- > Input voltage: 90~264VAC, 135~370VDC



General Specification

159×97×30mm

Specification \ Model	RSP-200-12	RSP-200-24	RSP-200-36	RSP-200-48
DC output voltage, current	12V 0 ~ 16.5A	24V 0 ~ 8.3A	36V 0 ~ 5.6A	48V 0 ~ 4.2A
Wave and noise	200mVp-p	200mVp-p	280mVp-p	300mVp-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%	93.5%	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	2.4A/115V 1.2A/230VAC			
Power factor	PF≥0.99/115VAC, PF≥0.95/230VAC (When fully loaded)			
Impact current	Cold start current 35A/230VAC			
Overload protection	Overload protection is activated at 105%~125% of the rated output power. Protection method: Current limiting mode, automatically restores normal output after abnormal conditions are removed			
Overvoltage protection	Starting overvoltage protection at 115%~135% of rated output voltage. Protection method: Voltage limiting mode, which can automatically restore normal output after removing abnormal conditions			
Over temperature protection	95°C ± 10°C Protection mode: current reduction 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): 2.5KVAC input to ground (I/P~FG): 2.0KVAC 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	159 × 97 × 30mm (L*W*H)			
Packing	0.39kg/40pcs/17kg/0.003m³			

Overall dimension(mm)

Terminal Pin Assignment

Pin number	Assignment	Pin number	Assignment
1	AC/N	4,5	DC OUTPUT -V
2	AC/L	6,7	DC OUTPUT +V
3	FG		

CN2	RC-	Return RC+ signal input
	RC+	The power is turned on or off by an electronics switch or dry contact between pin 4 (RC+) and pin 3 (RC-). 0~0.8V: power on, 4~10V: power off

