

Technical Data

Index Type	S-200-5	S-200-7.5	S-200-12	S-200-13.5	S-200-15	S-200-24	S-200-27	S-200-48
DC Voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V
Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated Current	40A	26.5A	16.5A	14.7A	13A	8.3A	7.4A	4.2A
Current Range	0-40A	0-26.5A	0-16.5A	0-14.7A	0-13A	0-8.3A	0-7.4A	0-4.2A
Ripple&Noise(Max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1%	±1%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Rated Power	200W	198.75W	198W	198.45W	198W	199.2W	199.8W	201.6W
Rated Power	74%	79%	80%	80%	81%	83%	83%	84%
Voltage Adjust Range	4.5-5.6V	6-9V	10-13.2V	12-15V	13.5-18V	20-26.4V	26-32V	41-56V
Voltage Range	90~132VAC/180-264VAC 47~63Hz;255~370VDC							
AC Current	4.5A/115V2.5A/230V							
Inrush Current(Max.)	25A/115V50A/230V							
Leakage Current	<3.5mA/240VAC							
Overload Protection	105-145% TYPE: OUTPUT CUTOUT AC Restart							
Over-voltage Protection							
Over-temperature Protection							
Temp.Coefficient	±0.03%/°C(0~50°C)							
Setup.Rise,Hold Time	200ms,100ms,20ms							
Vibration	10~500Hz,2G10min,/11cycle,60min,each axes							
Withstand Voltage	I/P-O/P:1.5KvACI/P-FG:1.5KvACI/P-FG:0.5KvAC							
Isolated Resistor	I/P-O/P,I/P-FG,I/P-FG:500VDC/100MΩ							
Working Temp.Humidity	-10°C~+50°C,20%~90RH							
Storage Temp.Humidity	-20°C~+85°C,10%~95%RH							
Dimension	215×115×50mm							
Weight	0.9Kgs							
Safety Standards	UL1950							
EMC	FCC part1.5J class A							

Note:

- 1.All parameters NOT specially mentioned are measured at 230VAC input ,rated load and 25 of ambient temperature.
- 2.Tolerance:includes set up tolerance,line regulation and load regulation
- 3.Ripple&noise are measured at 20MHZ of bandwidth by using a 12 twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
- 4.Line regulation:min&max voltage of the rated load.
- 5.Load regulation:load from 0 to 100%