



Features :

- . International AC input range selected by switch
- . Protection : short circuit / over load
- . Fix switching frequency at 25KHz
- . Forced air cooling by built-in DC fan
- . Built-in EMI filter, low ripple noise
- . 100% full load burn-in test
- . Low cost, high reliability

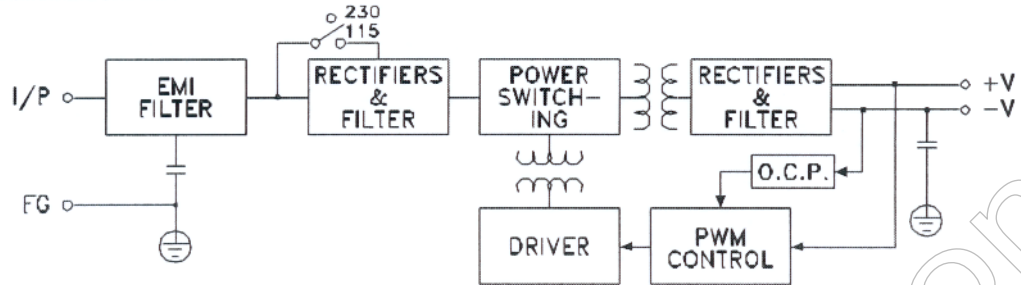
1 year warranty

Model	S200-5	S200-12	S200-15	S200-24	S200-27
DC output voltage	5V	12V	15V	24V	27V
Output voltage tolerance	+2%	+1%	+1%	+1%	+1%
Output rated current	40A	16.5A	13.3A	8.5A	7.4A
Output current range	0~40A	0~16.5A	0~13.3A	0~8.5A	0~7.4A
Ripple & noise	180mVp-p	120mVp-p	120mVp-p	120mVp-p	150mVp-p
Line regulation	+0.5%	+0.5%	+0.5%	+0.5%	+0.5%
Load regulation	+1%	+0.5%	+0.5%	+0.5%	+0.5%
DC output power	200W	200W	200W	204W	200W
Efficiency	75%	79.5%	80%	81.5%	82%
DC voltage adjustment (V)	4.75~5.5	10.8~13.2	13.5~16.5	21.6~26.4	26~32
Input voltage range	85~132VAC / 176~264VAC selected by switch ; 47~63Hz ; 248~370 VDC				
AC current	4.2A / 115 V ; 2.3A 230 V				
Inrush current	Cold start 30A/115V 60A/230V				
Leakage current	<0.5mA/240VAC				
Over-load protection	110~160%	105~150% Type ; output shutdown Reset : recycle on/off			
Over-voltage protection				
Temperature coefficient	±0.03% /°C (0°~50°C)				
Set-up, Rise, Hold-up time	200ms, 80ms, 20ms				
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes				
Withstand voltage	I/P-O/P: 3KVACVAC I/P-FG: 1.5 KVAC ; O/P-FG : 0.5 KVAC				
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG : 500VDC /100MΩ				
Working temp. & humidity	-10°C~+60°C (refer to output derating curve) 20~90% R.H.				
Storage temp. & humidity	-20°C~+85°C, 10%~95% R.H. (non-condensing)				
Dimensions	150 x 140 x 86 mm (Length x Width x Height) case 907				
Weight	1.3 Kg				
Safety standards	Meet UL1012 requirement (not apply for the mark)				
EMC standards	Meet FCC Part15J conduction Class A				

Notes:

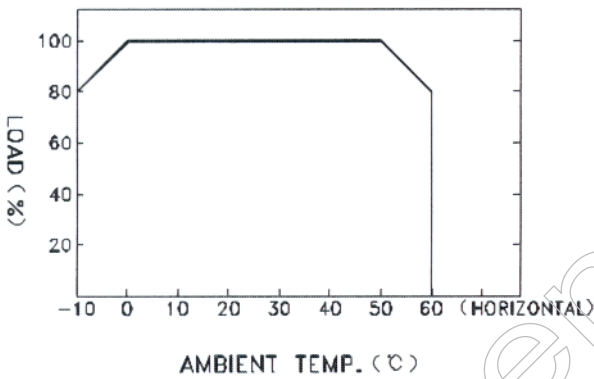
- All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient.
- Tolerance include setup tolerance, line regulation, load regulation.
- Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 0% to 100% rated load

BLOCK DIAGRAM

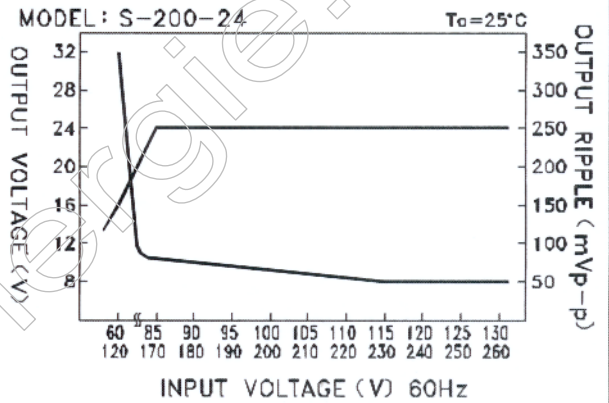


fosc : 25KHz

OUTPUT DERATING



STATIC CHARACTERISTICS



DIMENSION (mm)

- ☒ CASE : 907
- ☒ TERMINAL PIN NO. ASSIGNMENT
- ☒ PIN 1,2 : AC INPUT
- ☒ PIN 3 : FG ⊕
- ☒ PIN 4,5,6: DC OUTPUT -V
- ☒ PIN 7,8,9: DC OUTPUT +V

