



Features :

- . International AC input range selected by switch
- . Protection : short circuit / over load
- . Thin profile (35mm thick)
- . Free air cooling convection
- . 100% full load burn-in test
- . Low cost

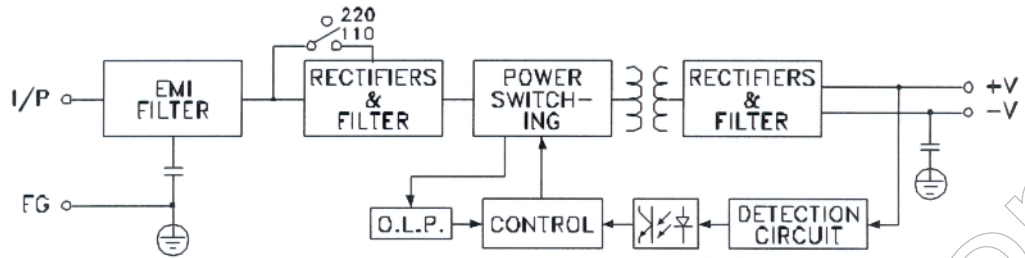
1 year warranty

Model	S15-5	S15-12	S15-24
DC output voltage	5V	12V	24V
Output voltage tolerance	±2%	±1%	±1%
Output rated current	3A	1.3A	0.7A
Output current range	0~3A	0~1.3A	0~0.7A
Ripple & noise	50mVp-p	50mVp-p	100mVp-p
Line regulation	±0.5%	±0.5%	±0.5%
Load regulation	±1%	±0.5%	±0.5%
DC output power	15W	15.6W	16.8W
Efficiency	65%	68%	72%
DC voltage adjustment	-5~+10%	±10%	±10%
Input voltage range	85~132VAC / 170~264VAC selected by switch ; 47~63Hz ; 240~370 VDC		
AC current	0.5A / 115 V ; 0.25A 230 V		
Inrush current	Cold start 15A/115V ; 30A/230V		
Leakage current	<0.5mA/240VAC		
Over-load protection	105~150% Type : foldback current limiting Reset : auto-recovery		
Over-voltage protection		
Temperature coefficient	±0.02% /°C (0°~50°C)		
Set-up, Rise, Hold-up time	200ms, 100ms, 30ms		
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 : 500 VDC /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	99 x 97 x 35 mm (Length x Width x Height) case 905		
Weight	300		
Safety standards	UL1012 requirement (not apply for the mark)		
EMC standards	FCC Part 1 J Conduction Class B		

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

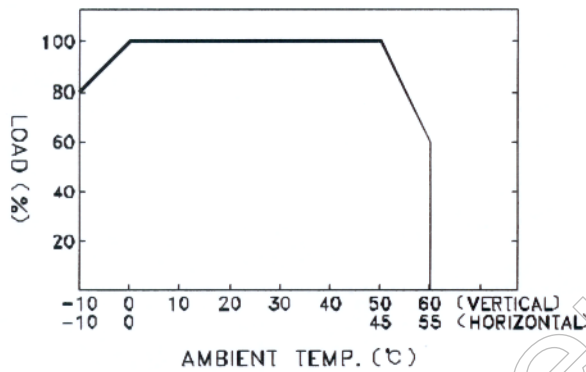


BLOCK DIAGRAM

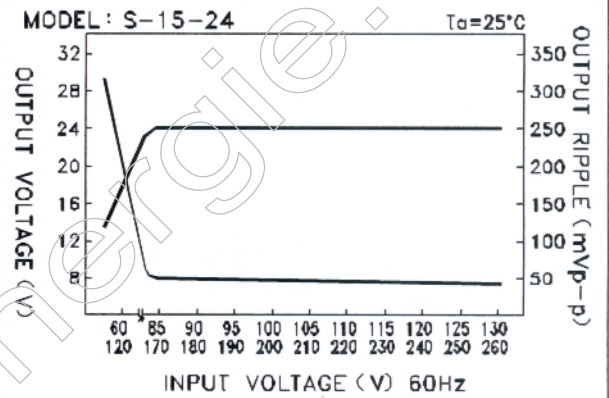


fosc : 33KHz I/P-O/P:RATED

OUTPUT DERATING



STATIC CHARACTERISTICS



DIMENSION (mm)

- ☒ CASE : 905
- ☒ TERMINAL PIN NO. ASSIGNMENT
 - ☒ PIN 1 : DC OUTPUT +V
 - ☒ PIN 2 : DC OUTPUT -V
 - ☒ PIN 3 : FG
 - ☒ PIN 4,5 : AC INPUT

