



Features

- AC input range selectable by switch
- ·Protections:Short circuit/Over load/Over voltage
- •Cooling by free air convection
- ·100% full load burn-in test
- ·Fixed switching frequency at 83KHz
- -2 years warranty



DC output voltage	7.5V
Output V. tolerance	±1%
Output rated current	13.5A
Output current range	0-13.5A
Ripple & noise	125mVp-p
Line regulation	±0.5%
Load regulation	±0.5%
DC output power	101W
Efficiency	78%
DC voltage adj.	±10%
Input voltage range	88~132VAC/176~264VAC selected by manual switch, 47~63Hz; or 248~370VDC
AC current	2.4A/115V 1.2A/230V
Inrush current	cold start 30A/115V 60A/230V
Leakage current	<1mA/240AC
Overload protection	105%~150%, pulsing (hiccup mode), auto restart
Over voltage protection	115%~135%
Over temp. protection	
Temperature coefficient	±0.03% / °C (0~50°C)
Set up, rise, hold up time	1s, 30ms, 15ms
Vibration	10~500Hz, 2G 10min./1 cycle (1 hour each axes)
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.
Working temp., humidity	-10°C~+60% (refer to output derating curve), 20%-90% RH
Storage temp., humidity	-20°C~+85°C, 10%-95% RH
Dimensions	7.83x3.86x1.5 inches (199x98x39mm), case 902
Weight	1.43 lbs (0.65 Kgs)
Safety standards	UL1012, EN60950 (IEC950, UL1950) approved
EMC standards	CISPR22 (EN55022), IEC801-2,3,4 IEC555-2 verification

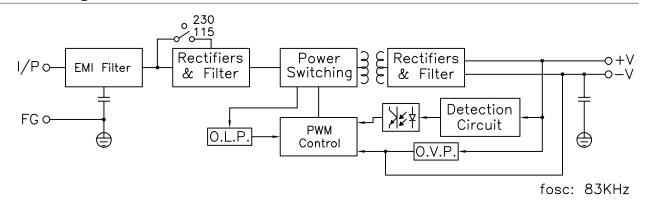
Notes:

- 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient
- 2. Tolerance includes set up tolerance, line regulation, load regulation
- 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor
- 4. Line regulation is measured from low line to high line at rated load
- 5, Load regulation is measure from 0% to 100% rated load

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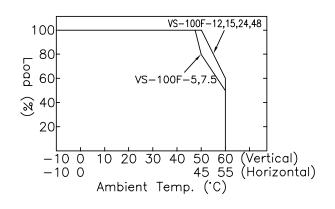


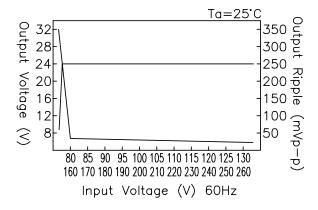
Block Diagram



Output Derating

Static Characteristics





Dimensions (mm)

