



Features

- Universal AC input/ Full range
- PF>0.98@115VAC; >0.95@230VAC
- Short circuit, overload, over-voltage, over-temp. protected
- Forced air cooling by built-in DC fan
- Built-in remote sense and on/off control
- With PG/PF output
- Cooling fan on/off auto control
- Approval: UL/CUL/TUV/CB/CE
- 3 year warranty

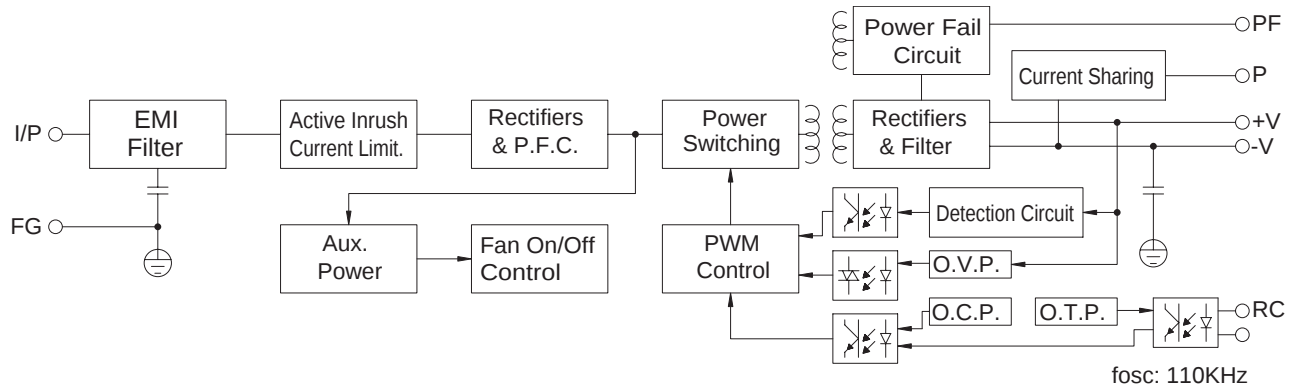
DC output voltage	12V
Output V. tolerance	±1%
Output rated current	25A
Output current range	0-25A
Ripple & noise	200mVp-p
Line regulation	±0.3%
Load regulation	±0.5%
DC output power	300W
Efficiency	82%
DC voltage adj.	10-13.2V
Input voltage range	88~264VAC 47~63Hz 124~370VDC
Power factor	>0.98@115VAC; >0.95@230VAC
Inrush current	18A/115V 36A/230V
Leakage current	<3.5mA/240VAC
Overload protection	105%~150% type: continuous current limiting, auto recovery
Over voltage protection	13.8~16.2V
Over temp. protection	RTH1 or RTH2>=50°C fan on, <=45°C fan off, >=70°C output shutdown
Temperature coefficient	±0.03% / °C (0~50°C)
Set up, rise, hold up time	1.5s, 50ms, 20ms
Vibration	10~500Hz, 2G 10min./1cycle (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~+50°C (refer to output derating curve), 20%-90% RH
Storage temp., humidity	-20°C~+85°C, 10%~95% RH
Dimensions	6.69x4.72x3.66 inches (170x120x93 mm) case: 910
Weight	3.52 lbs (1.6 Kgs)
Safety standards	UL1950, TUV EN60950
EMC standards	CISPR22 (EN55022), IEC1000-4-2,3,4,5,6,8,11 IEC1000-3-2

Notes:

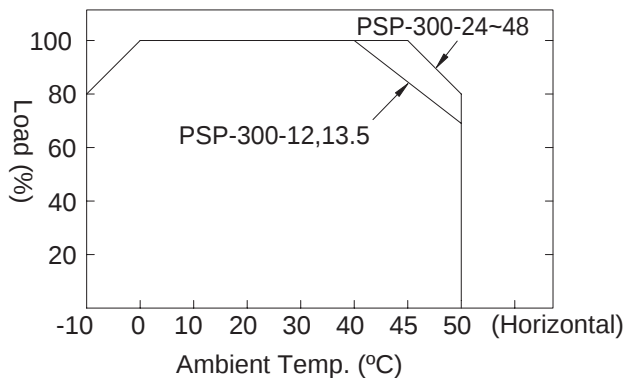
1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient
2. Tolerance includes set up tolerance, line regulation, load regulation
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor
4. Line regulation is measured from low line to high line at rated load
5. Load regulation is measure from 0% to 100% rated load
6. C3, C4, C22, C41, C63, C63, C140, C141 must be removed
7. Refer to output derating curve vs. input voltage

*V-Infinity reserves the right to make changes to its products or to discontinue any product or service without notice, and to advise customers to verify the most up-to-date product information before placing orders. V-Infinity assumes no liability or responsibility for customer's applications using V-Infinity products other than repair or replacing (at V-I's option) V-Infinity products not meeting V-I's published specifications. Nothing will be covered outside of standard product warranty.

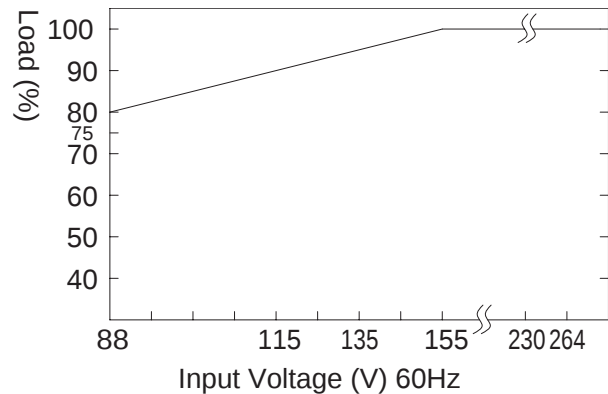
Block Diagram



Output Derating



Static Characteristics



Dimensions (mm)

Case: 910
Terminal Pin No. Assignment
PIN 1,2: AC INPUT
PIN 3: FG
PIN 4: P.F.
PIN 5: P
PIN 6: R.C G
PIN 7: R.C.
PIN 8: -S
PIN 9,10,11: DC OUTPUT +V
PIN 12,13,14: DC OUTPUT -V
PIN 15: -S

