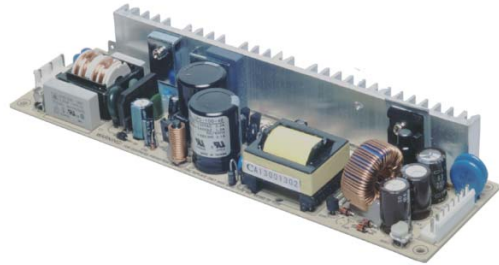


- Features
- Universal AC input / Full range
- Protections:Short circuit/Over load/Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Fix switching frequency at 134KHz
- 3 years warranty



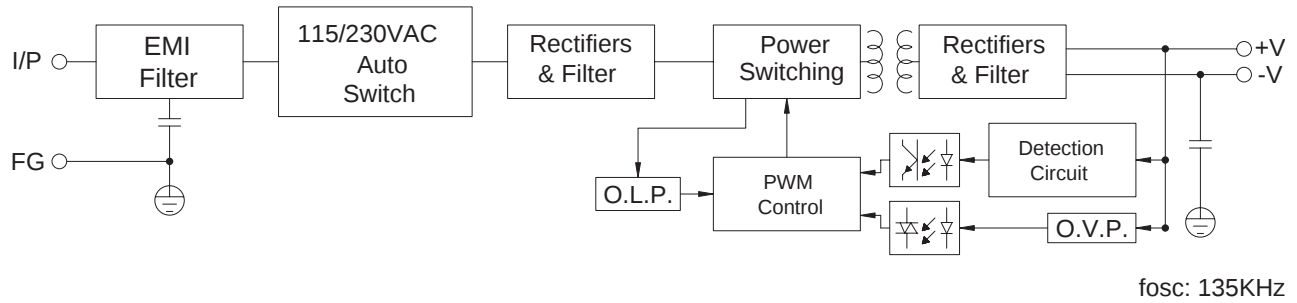
DC output voltage	3.3V
Output V. tolerance	±3%
Output rated current	20A
Output current range	0-20A
Ripple & noise	150mVp-p
Line regulation	±0.5%
Load regulation	±2%
DC output power	66W
Efficiency	69%
DC voltage adj.	3-3.6V
Input voltage range	88~132VAC / 176~264VAC selected by auto switch, 47~63Hz; or 248~370VDC
AC current	2.3A/115V 1.5A/230V
Inrush current	cold start 60A/230V
Leakage current	<1mA/240VAC
Overload protection	105%~140% (+24V Above 6.5A) type: Hiccup mode, recovers automatically after fault condition is removed
Over voltage protection	3.8-4.45V
Over temp. protection	-----
Temperature coefficient	±0.05% / °C (0~50°C)
Set up, rise, hold up time	800ms, 50ms, 20ms/230VAC 1.2s, 50ms, 20ms/115VAC
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~+60% (refer to output derating curve), 20%-90% RH
Storage temp., humidity	-20°C~+85°C, 10%~95% RH
Dimensions	8.74x2.44x1.26 inches (222x62x32 mm)
Weight	0.99 lbs (0.45 Kgs)
Safety standards	UL60950, TUV EN60950
EMC standards	CISPR22 (EN55022) CLASS B, EN61000-3-2,3; EN61000-4-2,3,4,5,11

Notes:

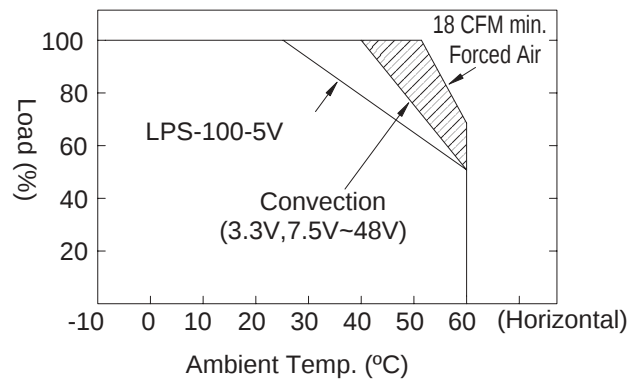
1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient
2. Tolerance includes set up tolerance, line regulation, load regulation
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor
4. Line regulation is measured from low line to high line at rated load
5. Short or overload condition continues more than 10 seconds, it will damage the components inside the power supply
6. For input range 85-89VAC, when the output current is stepped from 0% to 100% of the rated load, the output voltage may drop 20V for 1 second max
7. Mounting holes M1 and M2 should be grounded for EMI purposes

*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.

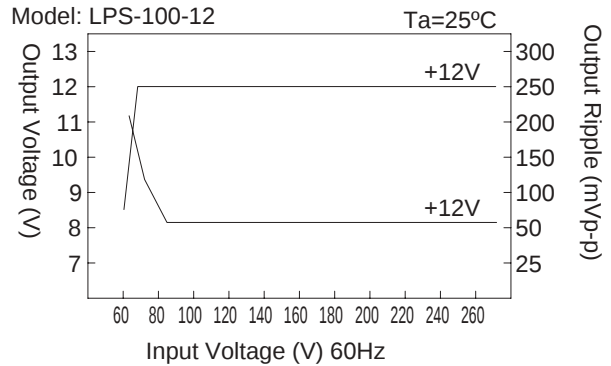
Block Diagram



Output Derating



Static Characteristics



Dimensions (mm)

Terminal Pin No. Assignment

CN1: JST B5P-VH
 Pin 1,3,5: AC Input
 CN2: JST B8P-VH
 Pin: 1,2,3,4: DC Output -V
 Pin: 5,6,7,8: DC Output +V

Mating Connectors

CN1,2 Mating connector type
 JST VHR Series or equivalent with
 JST SVH-21T-1.1 or equivalent
 crimp terminals.

