

Features

- ·AC input range selectable by switch
- Short circuit, overload, over-voltage, over-temperature protected
- ·Forced air cooling by built-in DC fan
- ·Cooling fan on/off auto control
- ·100% full load burn-in test
- ·Fixed switching frequency at 90KHz
- ·2 year warranty



Output v. tolerance ±1% Output current range 0-12.5A Ripple & noise 150mVp-p Line regulation ±0.5% Load regulation ±0.5% DC output power 300W Efficiency 86% DC voltage adj. 20-26.4V Input voltage range 88-132VAC / 176-264VAC by switch 47-63Hz;248-370VDC AC current 6A/115V 3.5A/230V Inrush current 20A/115V 40A/230V Leakage current <3.5mA/240VAC Overload protection 105%-150% type: Hiccup mode, recovers automatically after fault condition is removed Over voltage protection 27.6-32.4V Over temp. protection RT1 >65°C fan on, <55°C fan off, >70°output shutdown Temperature coefficient ±0.03% ° C (0-50°C) Set up, rise, hold up time 2s, 20ms, 20ms Vibration 10-5500Hz, 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: 3KVAC, I/P-FG: 50.0VEO / 100M Ohms min. Working temp., humidity -10°C-+60% (refer to output derat	DC output voltage	24V		
Output current range 0-12.5A Ripple & noise 150mVp-p Line regulation ±0.5% Load regulation ±0.5% DC output power 300W Efficiency 86% DC voltage adj. 20-26.4V Input voltage range 88-132VAC / 176-264VAC by switch 47-63Hz;248~370VDC AC current 6A/115V 3.5A/230V Inrush current 20A/115V 40A/230V Leakage current <3.5mA/240VAC Overload protection 105%-150% type: Hiccup mode, recovers automatically after fault condition is removed Over voltage protection 27.6-32.4V Over temp. protection RT1 >65°C fan on, <55°C fan off, >70°output shutdown Temperature coefficient ±0.03% / °C (0-50°C) Set up, rise, hold up time 2s, 20ms, 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-+85°C, 10%-95% RH Storage temp., humidity -20°C-+85°	Output V. tolerance	±1%		
Ripple & noise	Output rated current	12.5A		
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Load regulation	Ripple & noise	150mVp-p		
DC output power 300W	Line regulation	±0.5%		
DC voltage adj. 20-26.4V	Load regulation	±0.5%		
DC voltage adj. 20-26.4V	DC output power	300W		
Input voltage range	Efficiency	86%		
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EMC standards	Safety standards	UL 1950		
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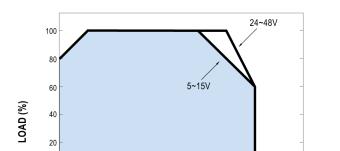
Notes:

- 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

*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.



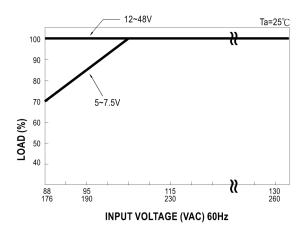
Output Derating



AMBIENT TEMPERATURE (°C)

20

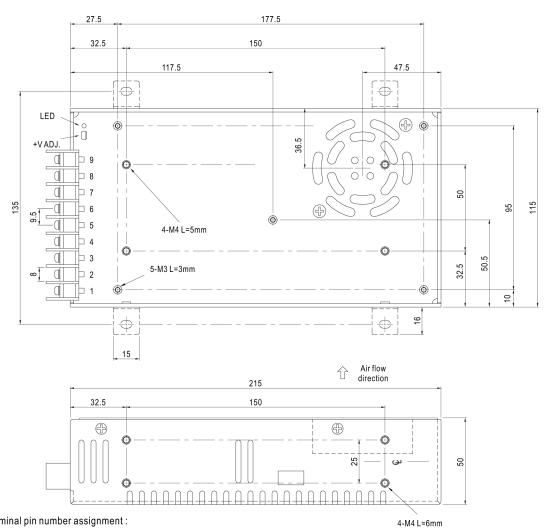
Static Characteristics



Dimensions (mm)

10

-10



60 (HORIZONTAL)

50

40

Terminal pin number assignment :

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4~6	DC OUTPUT -V
2	AC/N	7~9	DC OUTPUT +V
3	FG ±		