



Features

- Auto AC input sensing
- Short circuit, overload, over-voltage, over-temp. protected
- Built-in cooling fan on-off control
- LED indicator for power on
- Fixed switching frequency at 75KHz
- 2 year warranty



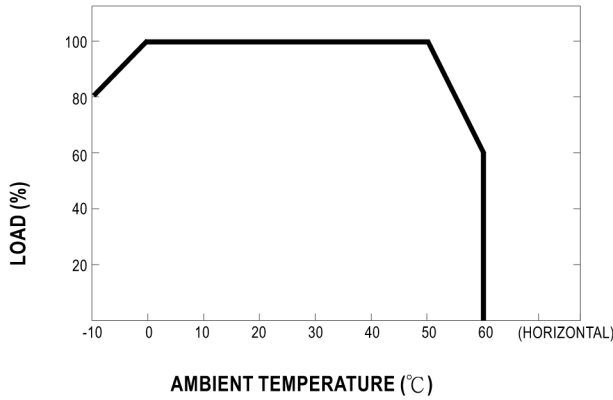
DC output voltage	12V
Output V. tolerance	±1%
Output rated current	18A
Output current range	0-18A
Ripple & noise	150mVp-p
Line regulation	±0.5%
Load regulation	±0.5%
DC output power	216W
Efficiency	82%
DC voltage adj.	10-14V (± 10% rated output voltage)
Input voltage range	88~132VAC / 176~264VAC auto switch 248~370VDC
AC current	5A/115V 2.5A/230V
Inrush current	18A/115V 36A/230V
Leakage current	<2mA/240VAC
Overload protection	105%~150% type: Hiccup mode, recovers automatically after fault condition is removed
Over voltage protection	14.4-16.8V
Over temp. protection	RT1 >40°C fan on, <35°C fan off, >70°C output shutdown
Temperature coefficient	±0.03% / °C (0~50°C)
Set up, rise, hold up time	1s, 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:100VDC / 500M 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	7.48x3.66x2.56 inches (190x93x65 mm)
Weight	2.43 lbs (1.10 Kg)
Safety standards	UL 1950, TUV EN60950 (7.5V design refer to UL1950)
EMC standards	EN55022 (CISPR22) class B

- 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

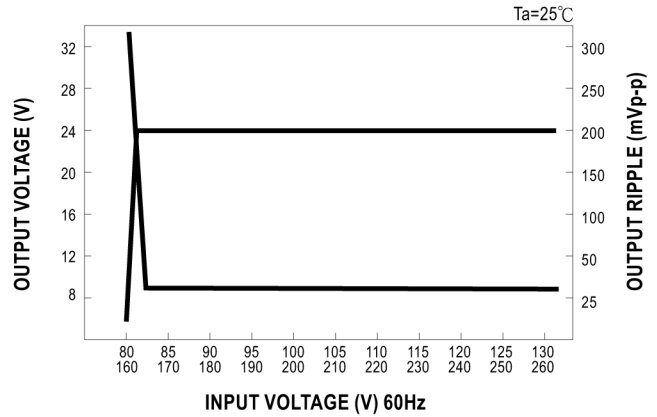
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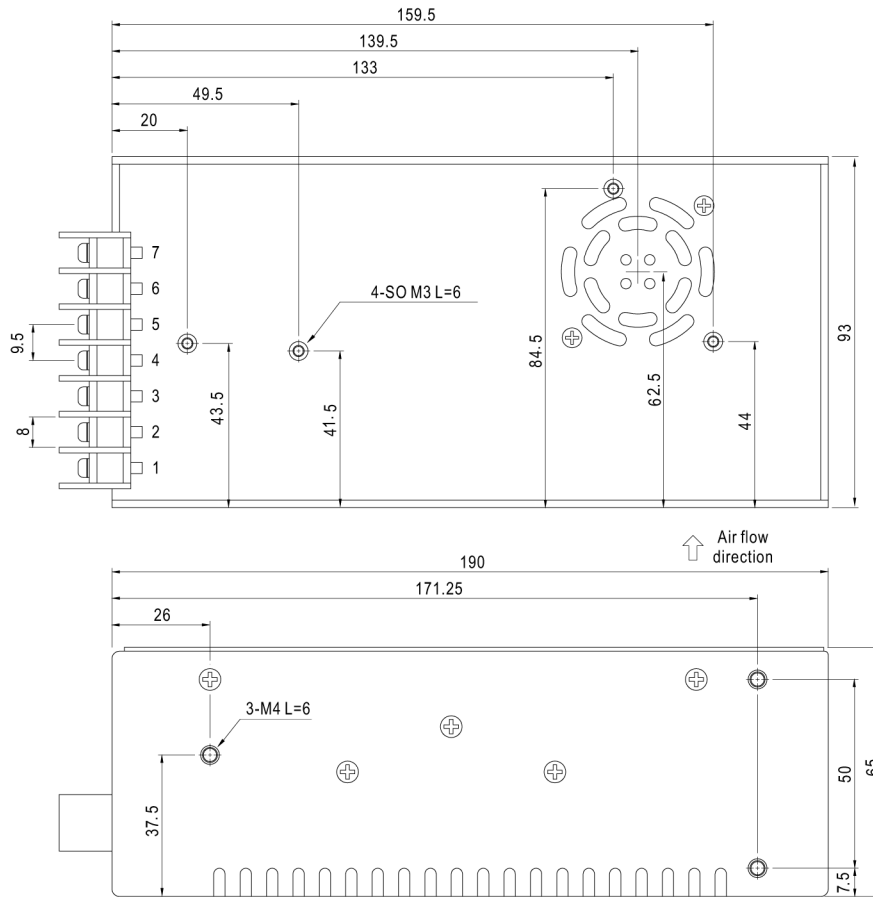
Output Derating



Static Characteristics



Dimensions (mm)



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		