

**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

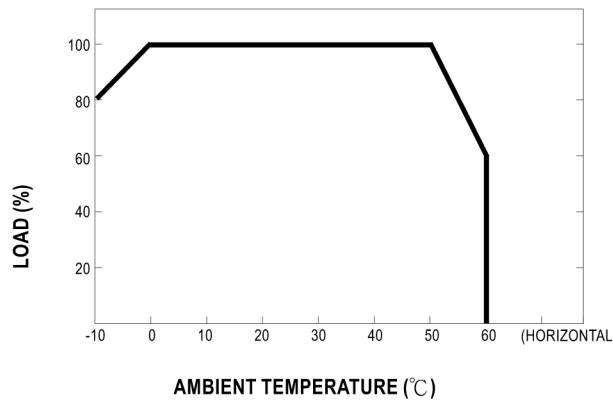


<b>DC output voltage</b>	7.5V
<b>Output V. tolerance</b>	±2%
<b>Output rated current</b>	30A
<b>Output current range</b>	0-30A
<b>Ripple &amp; noise</b>	200mVp-p
<b>Line regulation</b>	±0.5%
<b>Load regulation</b>	±1.0%
<b>DC output power</b>	225W
<b>Efficiency</b>	80%
<b>DC voltage adj.</b>	6-9V (± 10% rated output voltage)
<b>Input voltage range</b>	88~132VAC / 176~264VAC auto switch    248~370VDC
<b>AC current</b>	5A/115V    2.5A/230V
<b>Inrush current</b>	18A/115V    36A/230V
<b>Leakage current</b>	<2mA/240VAC
<b>Overload protection</b>	105%~150% type: Hiccup mode, recovers automatically after fault condition is removed
<b>Over voltage protection</b>	9.4-10.9V
<b>Over temp. protection</b>	RT1 >40°C fan on, <35°C fan off, >70°C output shutdown
<b>Temperature coefficient</b>	±0.03% / °C (0~50°C)
<b>Set up, rise, hold up time</b>	1s, 20ms, 20ms
<b>Vibration</b>	10~500Hz, 2G 10min./1cycle (1 hour each axes)
<b>Withstand voltage</b>	I/P-O/P:3KVAC, I/P-FG :1.5KVAC, O/P-FG:0.5KVAC, for 1 min.
<b>Isolation resistance</b>	I/P-O/P, I/P-FG, O/P-FG:100VDC / 500M Ohms min.
<b>Working temp., humidity</b>	-10°C~+60% (refer to output derating curve), 20%-90% RH
<b>Storage temp., humidity</b>	-20°C~+85°C, 10%~95% RH
<b>Dimensions</b>	7.48x3.66x2.56 inches (190x93x65 mm)
<b>Weight</b>	2.43 lbs (1.10 Kg)
<b>Safety standards</b>	UL 1950, TUV EN60950 (7.5V design refer to UL1950)
<b>EMC standards</b>	EN55022 (CISPR22) class B

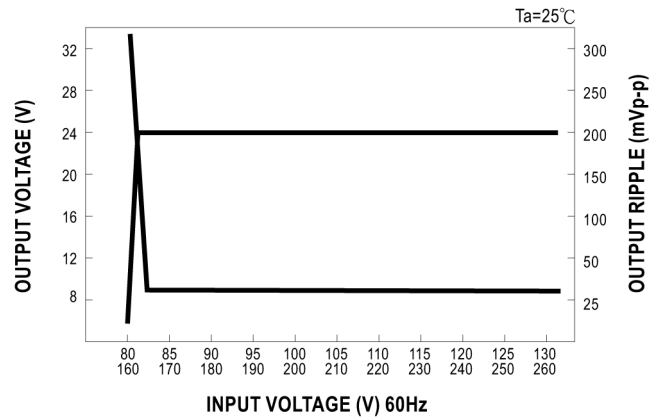
- Notes:
1. All parameters are specified at 230VAC input, rated load, 25°C 70%RH ambient
  2. Tolerance includes set up tolerance, line regulation, load regulation
  3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor

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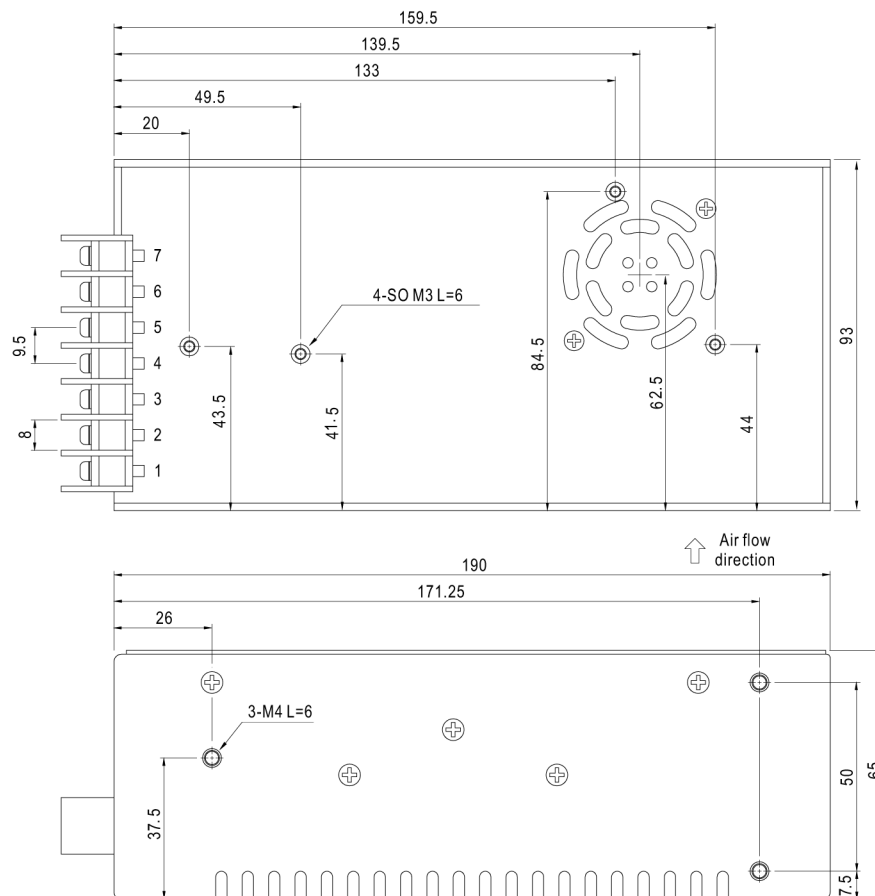
### Output Derating



### 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 $\perp$		