



Dimension: 159 × 97 × 38mm

Features:

- Universal AC input / Full range
- Small volume, low weight, high efficiency
- Protections : short circuit/over load/over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 1 Year warranty

CE

SPECIFICATION

Model		Q-60B				Q-60C			
Output	DC voltage	CH1:+5V	CH2:+12V	CH3:-5V	CH4:-12V	CH1:+5V	CH2:+15V	CH3:-5V	CH4:-15V
	Voltage tolerance	± 2%	± 6%	± 5%	± 5%	± 2%	± 6%	± 5%	± 5%
	Rated current	5.5A	2A	0.5A	0.5A	5.5A	1.5A	0.5A	0.5A
	Current range	0.8 ~ 5.5A	0.4 ~ 2A	0 ~ 0.5A	0 ~ 0.5A	0.8 ~ 5.5A	0.4 ~ 1.5A	0 ~ 0.5A	0 ~ 0.5A
	Rated power	60W				60W			
	Ripple&noise	80mV	120mV	80mV	120mV	80mV	120mV	80mV	120mV
	DC voltage ADJ. range	CH1: -9%~+10%							
	Setup, rise, hold up time	800ms,60ms,30ms/230VAC.							
Input	Voltage range	90 ~ 264VAC 47 ~ 63Hz, 127 ~ 373VDC							
	AC current	1.8A/115V 0.9A/230VAC							
	Efficiency	71%				72%			
	Inrush current	Cold start 25A/115V 50A/230VAC							
	leakage current	< 2mA/240VAC							
Protection	Overload	Rated output power110% ~ 150%Start overload protection							
		Protection type: hiccup mode, auto-recovery after fault condition is removed							
	Over voltage	CH1:115% ~ 135%							
Protection type: hiccup mode, auto-recovery after fault condition is removed									
Environment	Working temp, humidity	-10℃ ~ +60℃;20% ~ 90%RH(Please refer to “derating curve”)							
	Storage temp, humidity	-20℃ ~ +85℃;10% ~ 95%RH Non-condensing							
	Withstand vibration	10 ~ 500Hz, 2G 10min./1Cycle, Period for 60min, Each axes							
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC							
	Isolation resistance	I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC							
Fit standard	Safety standard	Fit UL1012							
	EMC Standard	Fit EN55022, CLASSA							
Others	Weight	0.5kg 159**97*38mm (L*W*H)							
	Packing	0.5kg/45pcs/23.5kg							

Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.

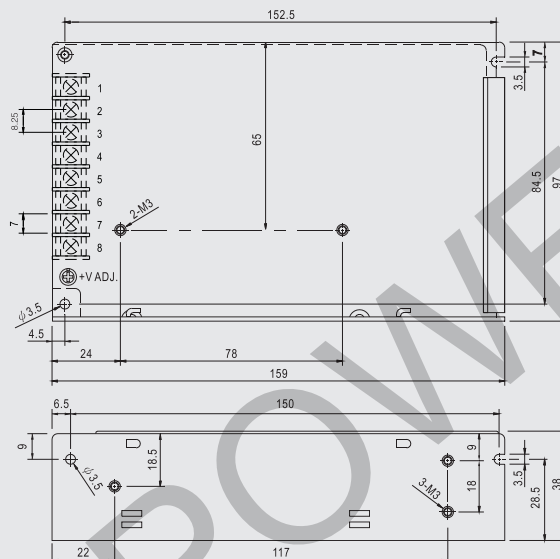
3. Tolerance : includes set up tolerance, line regulation and load regulation.

Mechanical specification

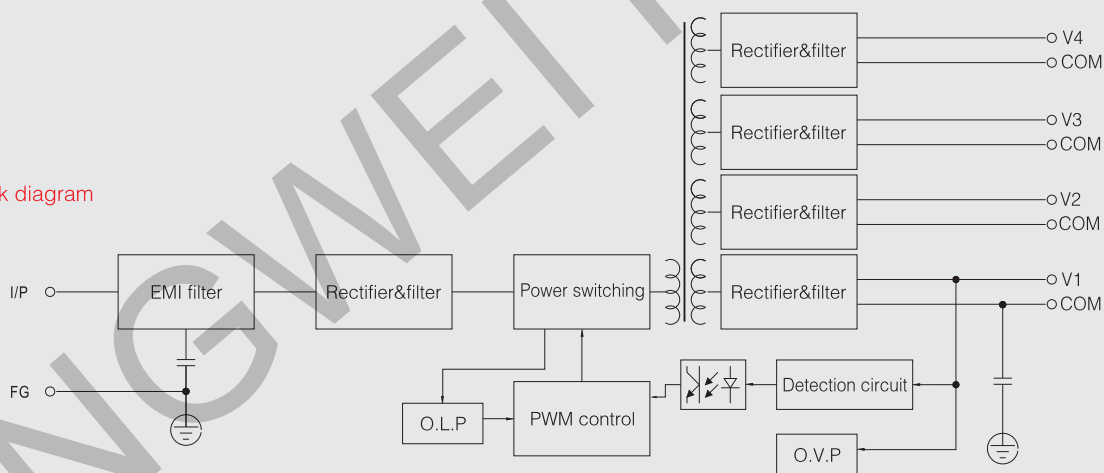
Unit:mm

Terminal Pin No.Assignment

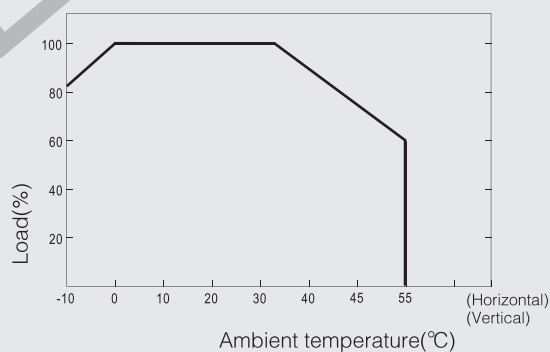
Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT V4
2	AC/N	5	DC OUTPUT V3
3	FG $\perp$	6	DC OUTPUT V2
		7	DC OUTPUT COM
		8	DC OUTPUT V1



Block diagram



Derating curve



Static characteristic

