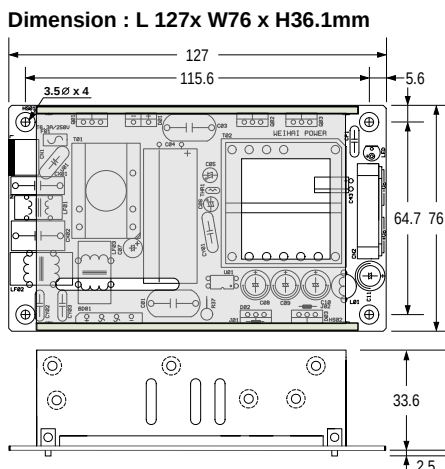


MP9-400 series 248W~392W 3"x5" Power Supply

SINGLE OUTPUT

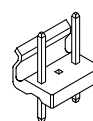


MECHANICAL DRAWING

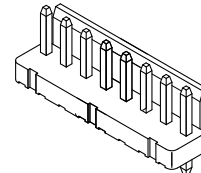


CONNECTOR

CN1



CN2



CN1 Input connector

Weli Sheng M3-I39601S or equivalent

Pin	AC Input voltage
L&N	90-264VAC

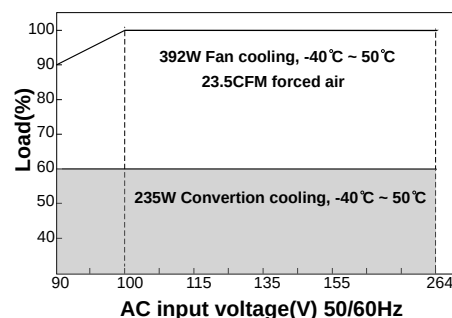
CN2 Output connector

Weli Sheng M8-I39606 or equivalent

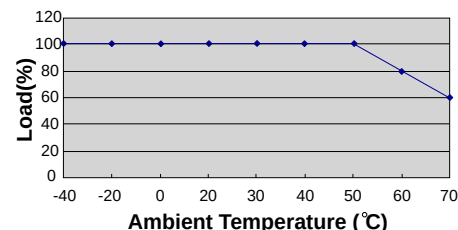
Pin	DC Output voltage
1	Common
2	Common
3	Common
4	Common
5	Vo
6	Vo
7	Vo
8	Vo

DE-RATING CURVE

Load VS AC input voltage



Load VS Ambient temperature



SPECIFICATION

Model Name		MP9-250-54z	MP9-250-56z	MP9-400-54z	MP9-400-56z
Input	Voltage	90VAC~264VAC			
	Frequency(Hz)	47Hz~63Hz			
	Inrush current	<80A(230VAC)			
	Power factor correction	PF≥0.95 at full load			
Output	Voltage	54V	56V	54V	56V
	Current (20CFM fan)	4.6A	4.6A	7A	7A
	Voltage tolerance	53.5V~56V			
	Ripple & Noise	540mV	560mV	540mV	560mV
	Max. output power (Forced air)	248.4W	257.6W	378W	392W
	Efficiency (typ.)	89%			
	Hold up time	≥8ms @115VAC			
	Setup, rise time	<1000ms, 20ms			
Protection	Over current	Auto recovery mode			
	Over voltage	Latch mode			
	Over temperature	Latch mode			
Environment	Operating temperature	-40°C ~ 50°C			
	Storage temperature	-40°C ~ 85°C			
	Humidity	20% ~ 85%			
	MTBF	>100,000hrs @25°C (MIL-HDBK-217F)			
EMI requirements		EN 55022 class B, EN61000-4-2-2,4,5			
Safety meet requirements		UL 62368, EN 62368			
Dimension (L x W x H mm)		127 x 76 x 36.1 mm (max.)			



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