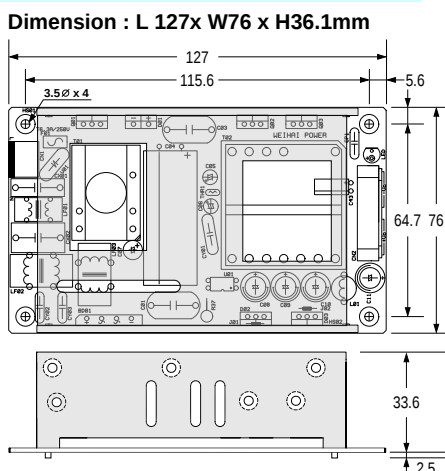


MP7-380 series 240W~380W 3"x5" Power Supply

SINGLE OUTPUT

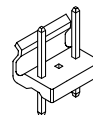


MECHANICAL DRAWING

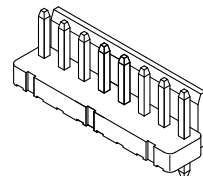


CONNECTOR

CN1



CN2



●CN1 Input connector

Weli Sheng M3-I39601S or equivalent

Pin	AC Input voltage
L&N	90-264VAC

●CN2 Output connector

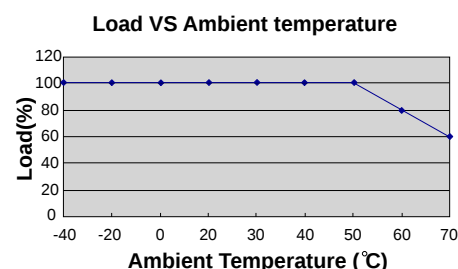
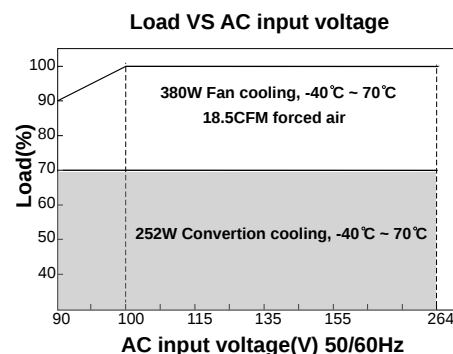
Weli Sheng M8-I39606 or equivalent

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

SPECIFICATION

Model Name		MP7-380-12z	MP7-380-24z	MP7-380-54z	MP7-380-56z
Input	Voltage	90VAC~264VAC			
	Frequency(Hz)	47Hz~63Hz			
	Inrush current	<80A(230VAC)			
	Power factor correction	PF≥0.95 at full load			
Output	Voltage	12V	24V	54V	56V
	Current (20CFM fan)	20A	15A	7A	6.8A
	Voltage tolerance	±5%			
	Ripple & Noise	120mV	240mV	540mV	560mV
	Max. output power (Forced air)	240W	360W	378W	380W
	Efficiency (typ.)	>89%			
	Hold up time	≥16.7ms @115VAC			
	Setup, rise time	<1000ms, 20ms			
Protection	Over current	Auto recovery mode			
	Over voltage	Latch mode			
	Over temperature	Latch mode			
Environment	Operating temperature	-40℃ ~ 70℃			
	Storage temperature	-40℃ ~ 70℃			
	Humidity	10% ~ 90%			
	MTBF	>100,000hrs @25℃ (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.)			

DE-RATING CURVE



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