

# MPXX-1212-W2E

# Wall-mount

# 12W

Country of Origin : China  
Operating Temperature : 0 ÷ 40[°C]  
Dimension : 74 x 41.5 x 29[mm]

Approvals / Marks :



### Features:

Wall-mount power supply, single output  
Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz  
Overload, over voltage & short protection  
RoHS compliance

### Specification:

		OUTPUT						
	Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Line/Road regulation [%]	Max. Power [W]	Ripple & Noise [mV] p-p	Connector [mm]
	MPXX-1212-W2E	12	0.0A	1	±3/±5	12	120	2.1x5.5x11
Per order		(3.3~8)V/12W   (8.1~11.9)V/12W   (12~14)V/12W   (14.1~19.9)V/12W   (20~30)V/12W						
OUTPUT	Turn - on Delay Time	3s max. @ 115Vac to 240 VAC input & full load						
	Hold-up Time	5ms min. @ full load & 115VAC/60Hz input turn off at worst case 20ms min. @ full load & 230VAC/50Hz input turn off at worst case						
	MTBF Qualification	At Least 25000 Hours Under Normal Operate Condition.						
	DC cable & connector	Standard length of the cable 1,5m & It depends on customer requirements and upon specifications						
	Efficiency (Normal)	70% min. @ 100VAC input & Full load 75% min. @ 240VAC input & Full load						
INPUT	Voltage	(90 ~ 264) VAC						
	Frequency	(47 ~ 63) Hz						
	Current	0.5Arms @ any input voltage and rated. DC output rated load						
	Inrush Current (cold start)	30Amax. @ 264Vac input. Cold start at 240Vac input, with rated load and 25°C ambient						
	Leakage current	0.25 mA Max. At 240Vac input						
PROTECTION	Over Current	The power supply will be auto recovered when over current faults remove.						
	Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%.						
	Short Circuit	The power supply will be auto recovered when short circuit faults remove.						
	Protection class	II						
OTHERS	Insulation Resistance	-						
	Dielectric Strength(Hi-pot)	Primary to Secondary: 3000VAC / 5mA / 60s						
Environment	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C						
	Humidity	Operating: 10% ~ 90% RH / Storage: 5% ~ 95% RH non condensing						
SAFETY		CE   TUV/GS						
	EMI; EMS; EMC	EN 61204-3:2000 Class B   EN 55022:2006						
		EN 61000-3-2:2006   EN 61000-3-3:2006						
		EN 55024 :1998+A1 :2001+A2 :2003						
	Standards	EN60950-1:2001+A11   EN 60065:2002						
WEIGHT	1pc	N.W.: 0.11 kg/pc   G.W.: 0.14 kg/pc						
PACKING	Box	0.54 x 0.35 x 0.29 [m]						
		100pcs / 1box						
		G.W.: 14.24 kg/box						