

MJ CLASSICAL RAINPROOF

5V/12V/24V 60W-1000W



*Outdoor LED Lighting, Building LED lighting
LED Signage and Displays,
Street and Pathway Lighting,

FEATURE

- ◎ 100% full load, 100% aging test
- ◎ Quality aluminum shell with oxidation gold finish
- ◎ Good quantity can customize shell color and LOGO
- ◎ Intelligent chip control, over voltage, over current, short
- ◎ All 100% new component, long life and high reliability
- ◎ High speed and quality Fan cooling, with good dissipation and reliable

PRODUCT PARAMETERS

CE FC CQC SAA RoHS

Model	Size/mm	Pcs/Ctn	Vin	Frequency	Vout	Iout	Pout	Shell	Weight	Cooling
MJ-60-12	130*76*46	90	AC200-240V	47-63Hz	DC12V	5.0A	60W	Alluminum	289.2g	Natural Cooling
MJ-100-12	146*76*46	70	AC200-240V	47-63Hz	DC12V	8.3A	100W	Alluminum	327.2g	Natural Cooling
MJ-150-12	146*76*46	60	AC200-240V	47-63Hz	DC12V	12.5A	150W	Alluminum	385.0g	Natural Cooling
MJ-200-12	195*76*46	60	AC200-240V	47-63Hz	DC12V	16.5A	200W	Alluminum	414.2g	Fan Cooling
MJ-300-12	178*99*55	40	AC200-240V	47-63Hz	DC12V	25.0A	300W	Alluminum	581.0g	Fan Cooling
MJ-400-12E	182*120*56	40	AC200-240V	47-63Hz	DC12V	33.0A	400W	Alluminum	450.0g	Fan Cooling
MJ-400-12C	182*120*56	40	AC200-240V	47-63Hz	DC12V	33.0A	400W	Alluminum	595.0g	Fan Cooling
MJ-400-12A	205*120*56	30	AC200-240V	47-63Hz	DC12V	33.0A	400W	Alluminum	705.8g	Fan Cooling
MJ-500-12	227*120*56	30	AC200-240V	47-63Hz	DC12V	41.7A	500W	Alluminum	865.0g	Fan Cooling
MJ-600-12	227*120*56	30	AC200-240V	47-63Hz	DC12V	50.0A	600W	Alluminum	865.0g	Fan Cooling
MJ-700-12	237*120*56	30	AC200-240V	47-63Hz	DC12V	58.3A	700W	Alluminum	925.0g	Fan Cooling

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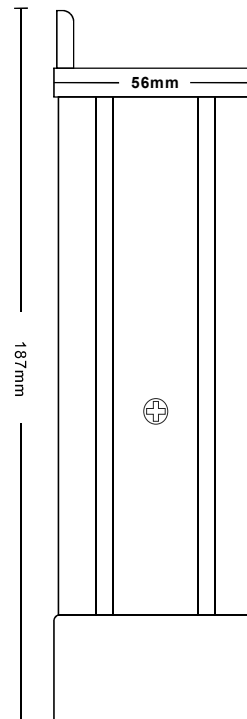
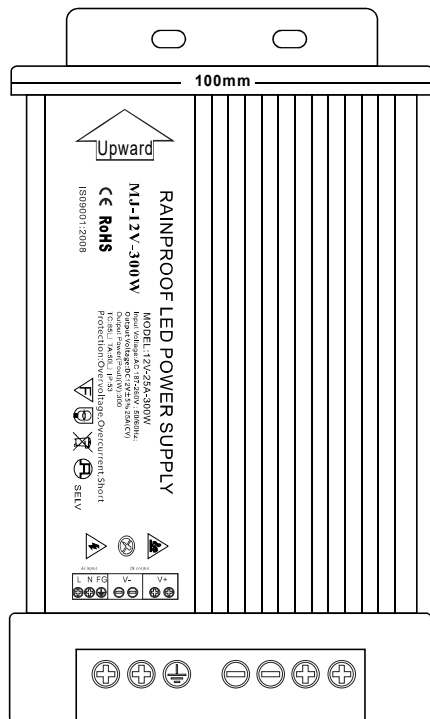
MJ-300W 12V



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Model		MJ-300W 12V	MJ-300W 24V
OUTPUT	DC voltage	12V	24V
	Rated current	25A	12.5A
	Cuttent range	0-25A	0-12.5A
	Rated output power	300W	300W
	Ripples and noise	≤200mVp-p	≤300mVp-p
	Output current range	11.5-12.5V	23-25V
	Precision of output voltage regulation	±0.5%	±0.5%
	Rate of lenear adjustment	±0.5%	±0.5%
	Load adjustment rate	±0.5%	±0.5%
	The startup time	≤2s/230VAC	
INPUT	Keep time	10ms/230VAC	
	Voltage range	176-264VAC	
	Frequency range	50Hz	
	Power factor	PF≥0.6/230VAC	
	Efficiency	≥89%	≥91%
	Alternating current	3.4A/230VAC	
	Surge current	50A/230VAC	
	Leakage current	<5mA/230VAC	
PROTECTION	Overload	110%-140%: rated 110%-140% of the total power input	
		protection mode:Auto recovery mode.the system automatically recovers when abnormal load conditions are removed	
	Short circuit	protection mode:Auto recovery mode.the system automatically recovers when abnormal load conditions are removed	
	Over voltage	protection mode:self-recovery mode,automatic recovery when the overvoltage is removed	
	Over temperature	protection mode:self-recovery mode,automatically recover when the temperature drops	
ENVIRONMEN	working temperature	-35~+50℃	
	working humidity	20-90% RH	
	storage temperature;humidity	-30~+85℃; 10~95% RH	
	temperature coefficient	±0.1%/℃(0-35℃)	
	resistance to vibration	10-500Hz, 3G 10min. / 1 cycle, 60 min. each axes	
SAFETY&EMC	safety norms	EN60950 , GB4943.1 -2011	
	withstand voltage	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	insulation impedance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25℃ / 70% RH	
	EMC	--	
other	protection grade	IP62	
	MTBF	≥30khour 25℃	
	power supply size	L182*W100*H56mm	
	power supply weight	450g	
NOTE	1.Unless otherwise specified , all specification are measured at an input of 230VAC,rarted negative cut,and ambient temperature of 25℃		
	2.Ripple and noise measurement method:the measured end is connected in parallel with a 0.1uF+10uF capacitor,the oscilloscope is set to 20MHZ bandwidth,and the probe is tested with cap off and full load at 25℃		
	3.Accuracy :includes setting error , linear adjustment rate and load adjustment rate .		
	4. The output power is reduced when the input voltage is less than 200VAC.		



CAUTION

- ※The product **MUST** be installed vertically and the wiring terminals downwards.
- ※For the heat dissipation, distance of 10cm from 4 sides (up/down/right/left) and 5cm from the ventilation hole side should be kept

Packaging Information

DIMENSION	182*100*56(LxWxH)
PACKING	188*103*59(LxWxH)
PCS/CTN	50pcs
CARTON SIZE	510*320*400(LxWxH)
WEIGHT	450g±10g/PCS

Temperature load curve

