JT COST EFFECTIVE RAINPROOF

12V 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 reliablity
◎High speed and quality Fan cooling, with good dissipation and reliable

PRODUCT PARAMETERS

CE FC cqc SAA RoHS

Model	Pout	Vin	Vout	Iout	Effi	IP	Size(mm)	Pcs/Ctn
JT-60-12	60W	200-240V AC	12V	5A	93%	IP43	130*74*42	100
JT-100-12	100W	200-240V AC	12V	8.3A	93%	Ip43	148*74*42	100
JT-150-12	150W	200-240V AC	12V	12.5A	93%	IP43	148*74*42	100
JT-200-12	200W	200-240V AC	12V	16.7A	92%	IP43	195*74*42	80
JT-300-12	300W	200-240V AC	12V	25.0A	92%	IP43	182*93*50	50
JT-400-12F	400W	200-240V AC	12V	33.3A	80%	IP43	182*118*50	48
JT-400-12E	400W	200-240V AC	12V	33.3A	80%	IP43	182*118*50	48
JT-400-12C	400W	200-240V AC	12V	33.3A	92%	IP43	182*118*50	48
JT-500-12	500W	200-240V AC	12V	41.7A	90%	IP43	205*118*50	30
JT-600-12	600W	200-240V AC	12V	50.0A	90%	IP43	220*118*50	30
JT-700-12	700W	200-240V AC	12V	58.3A	90%	Ip43	220*118*50	30

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Model		JT-300W 12V	JT-300W 24V
OUTPUT	DC voltage	12V	24V
	Rated current	25.0A	12.5A
	Cuttent range	0-25.0A	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°C
		working humidity	20-90% RH
		storage temperature;humidity	-30~+85°C; 10~95% RH
		temperature coefficient	±0.1%/°C(0-35°C)
		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, 0/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH
		EMC	--
other		protection grade	IP62
		MTBF	≥30khour 25°C
		power supply size	L182*W100*H50mm
		power supply weight	395g
NOTE		1.Unless otherwise specified , all specification are measured at an input of 230VAC,rarted negative cut,and ambient temperature of 25°C	
		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°C	
		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.	

JT-12V 300W

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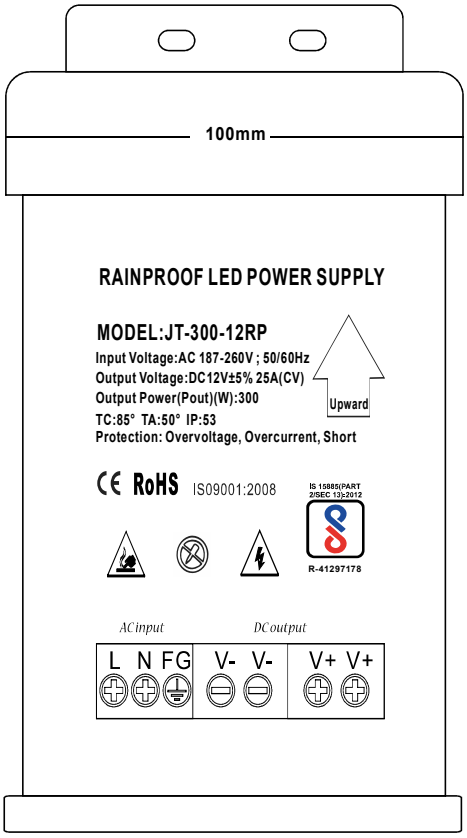
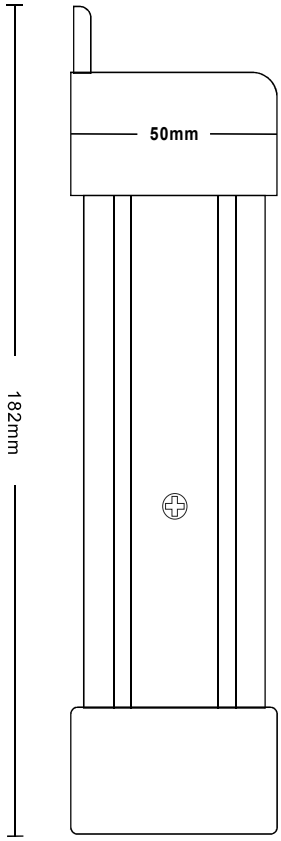


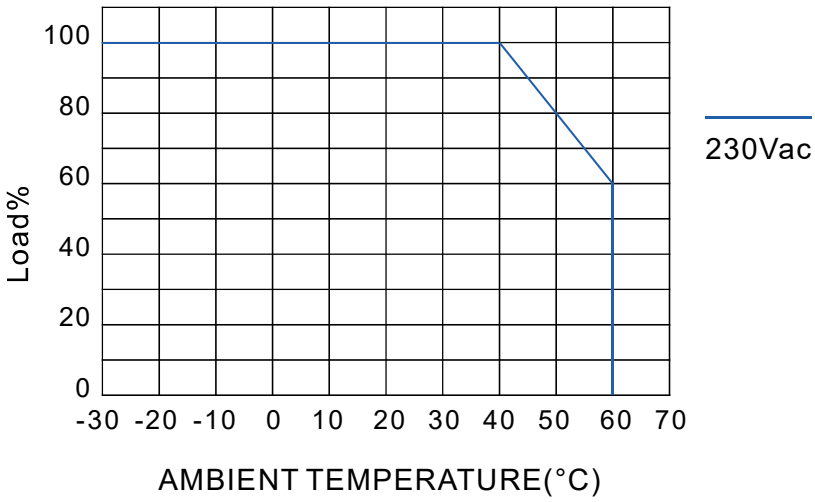


CAUTION

※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*50(LxWxH)
PACKING	188*103*53(LxWxH)
PCS/CTN	50pcs
CARTON SIZE	510*320*400(LxWxH)
WEIGHT	395g±10g/PCS

Temperature load curve