

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 reliability
- ◎ High speed and quality Fan cooling, with good dissipation and reliable

PRODUCT PARAMETERS

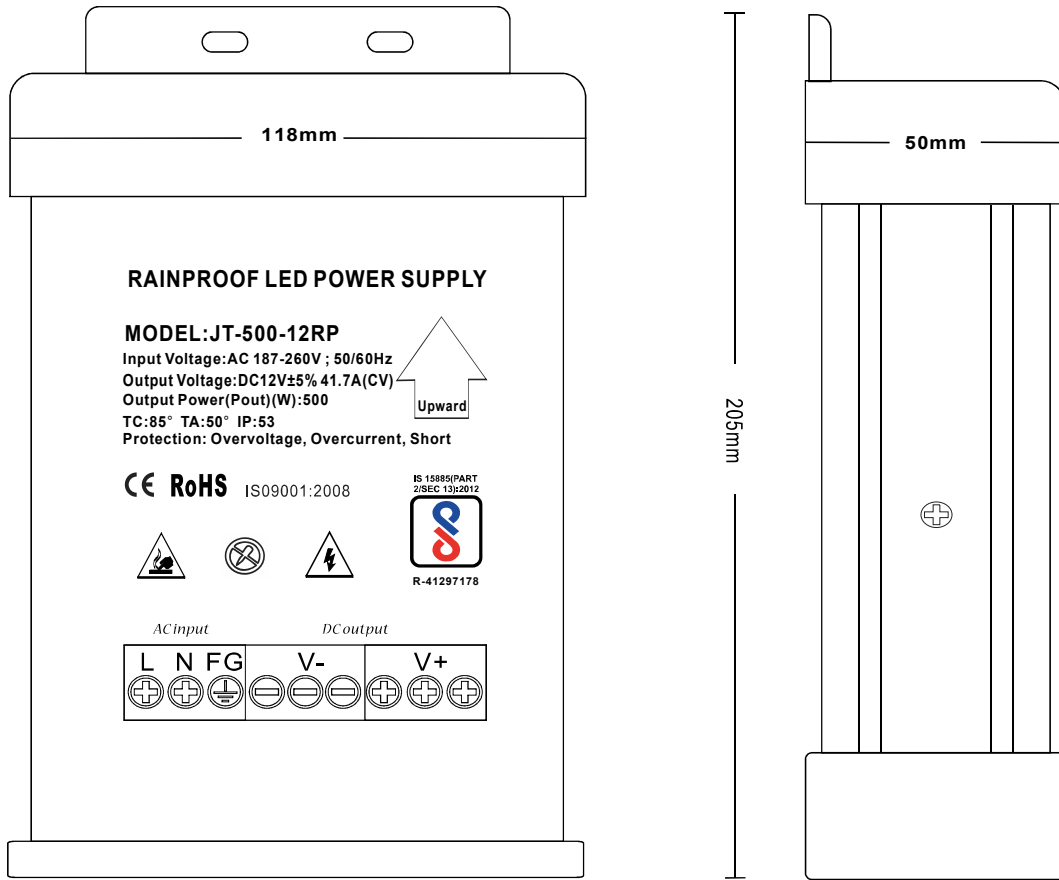


Model	Pout	Vin	Vout	Iout	Effi	IP	Size(mm)	Pcs/Ctn
JT-60-12	60W	200-240V AC	12V	5A	93%	IP43	130*74*42	100
JT-100-12	100W	200-240V AC	12V	8.3A	93%	Ip43	148*74*42	100
JT-150-12	150W	200-240V AC	12V	12.5A	93%	IP43	148*74*42	100
JT-200-12	200W	200-240V AC	12V	16.7A	92%	IP43	195*74*42	80
JT-300-12	300W	200-240V 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-500W 12V	JT-500W 24V
OUTPUT	DC voltage	12V	24V
	Rated current	41.7A	20.8A
	Cuttent range	0-41.7A	0-20.8A
	Rated output power	500W	500W
	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, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH	
	EMC	--	
other	protection grade	IP62	
	MTBF	≥30khour 25°C	
	power supply size	L205*W118*H50mm	
	power supply weight	536g	
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.		



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

POWER	500W
DIMENSION	205*118*50(LxWxH)
PACKING	211*123*53(LxWxH)
PCS/CTN	30pcs
CARTON SIZE	510*320*400(LxWxH)
WEIGHT	536g±10g/PCS

Temperature load curve

