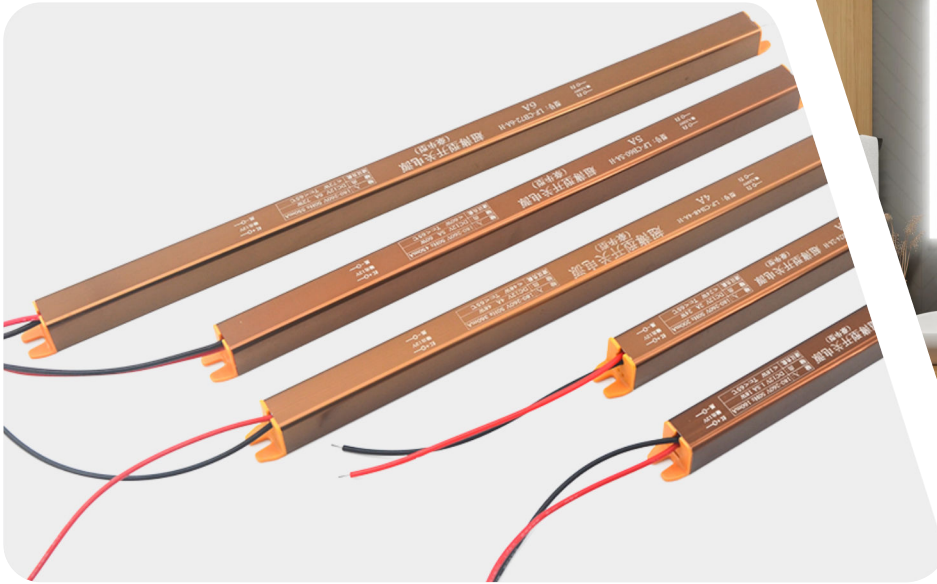


CB SUPER SLIM 18MM

12V/24V 18W- 72W



*Ultra-Thin LED Lightboxes, Slim Linear Lighting, LED Smart Bathroom Mirrors, Furniture Lighting, Under-Stair or Floor Lighting

FEATURE

- ◎ Ultra-Slim Profile, 18*18mm
- ◎ High grade components & high quality
- ◎ Overload and Short-Circuit Protection
- ◎ Ultra high efficiency & High performance price ratio
- ◎ High Efficiency, Low Ripple and Noise
- ◎ Can use for Mirror LED light with touch control

PRODUCT PARAMETERS

CE FC CQC SAA RoHS

Model	Pout	Vin	Vout	Iout	Effi	IP	Size(mm)	Pcs/Ctn
CB-18-12	18W	200-240V AC	DC12V/24V	1.5A/0.75A	93%	IP20	172*18*18	200
CB-24-12	24W	200-240V AC	DC12V/24V	2.0A/1.0A	93%	IP20	172*18*18	200
CB-36-12	36W	200-240V AC	DC12V/24V	3.0A/1.5A	93%	IP20	283*18*18	100
CB-48-12	48W	200-240V AC	DC12V/24V	4.0A/2.0A	93%	IP20	313*18*18	100
CB-60-12	60W	200-240V AC	DC12V/24V	5.0A/2.5A	93%	IP20	313*18*18	100
CB-72-12	72W	200-240V AC	DC12V/24V	6.0A/3.0A	93%	IP20	313*18*18	100

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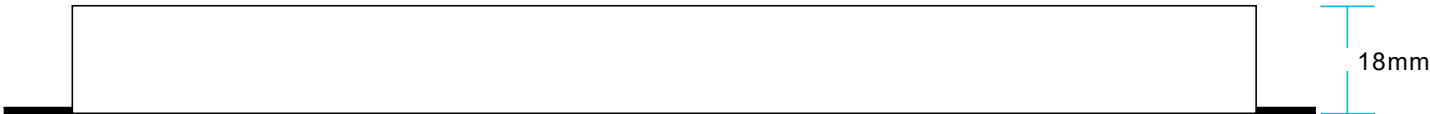
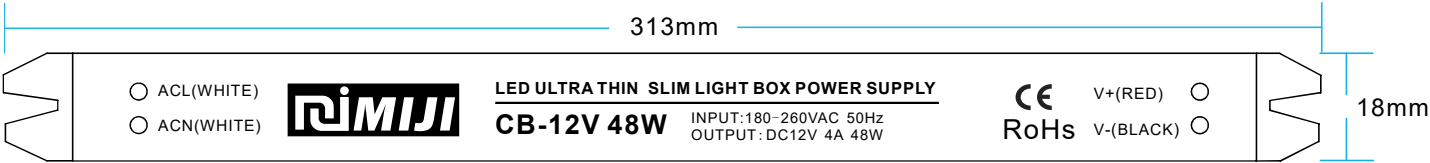
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Model		CB-48W 12V	CB-48W 24V
OUTPUT	DC voltage	12V	24V
	Rated current	4.0A	2.0A
	Cuttent range	0-4.0A	0-2.0A
	Rated output power	48W	48W
	Ripples and noise	≤200mVp-p	≤500mVp-p
	Output voltage range	12VDC±0.5VDC	24VDC±0.5VDC
	Precision of output voltage 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	50/60Hz	
	Power factor	PF≥0.95/230VAC	
	Efficiency	≥93%	≥93%
	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	IP20
		MTBF	≥30khour 25°C
		power supply size	L313*W18*H18mm
		power supply weight	62.5g
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.	

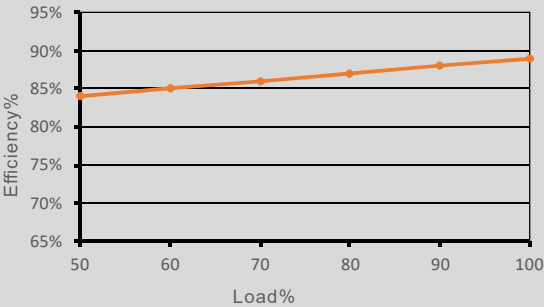
CB-48W 12V



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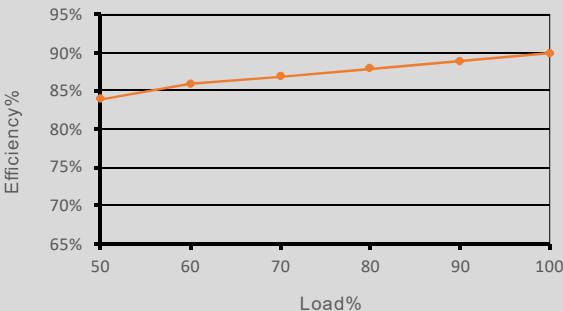


Efficiency vs Load



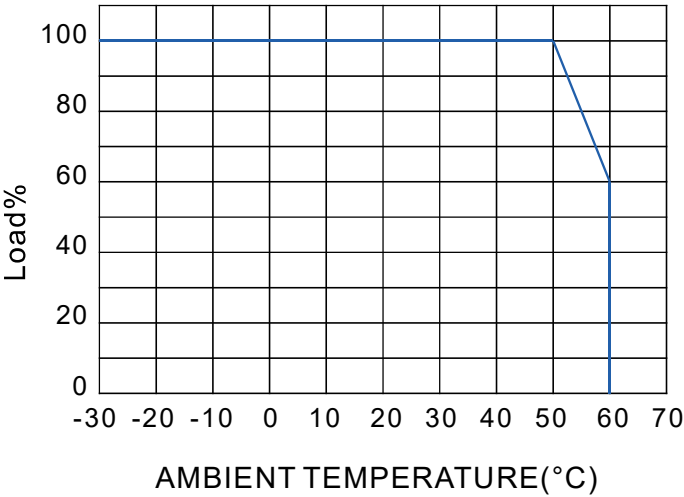
CB-48W 12V

Efficiency vs Load



CB-48W 24V

Temperature load curve



230Vac

Packaging Information

DIMENSION	313*18*18(LxWxH)
PACKING	/
PCS/CTN	200pcs
CARTON SIZE	510*320*245(LxWxH)
WEIGHT	62.5g/PCS



No further notice if any changes in the manual. Product function depends on the goods. Please feel free to contact us if any question.

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