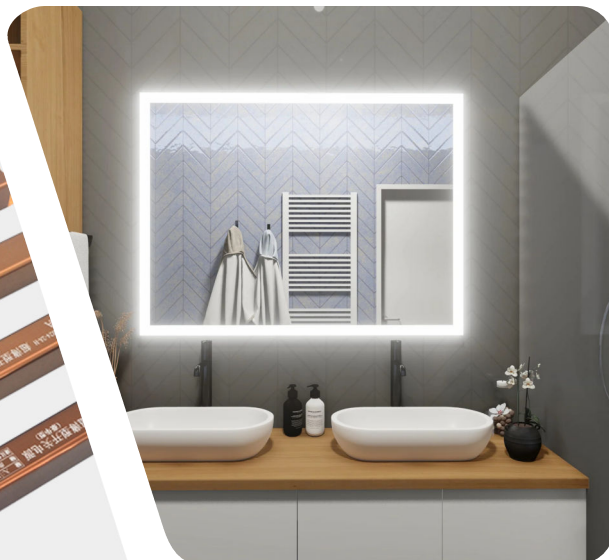
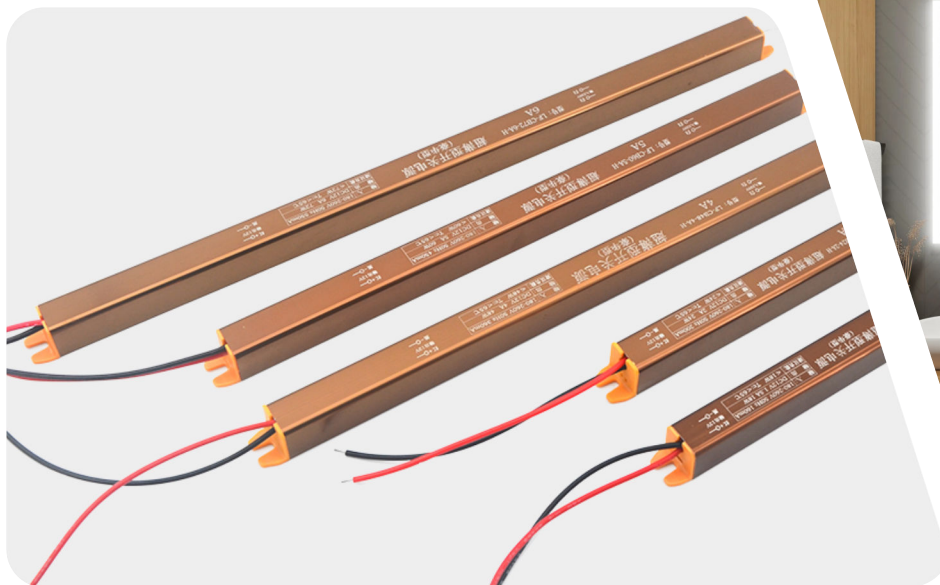


CB SUPER SLIM 18MM

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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12V/24V 18W- 72W



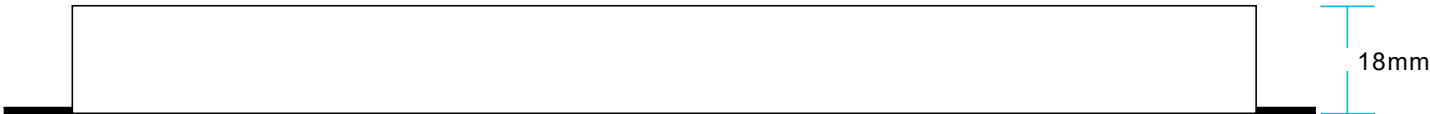
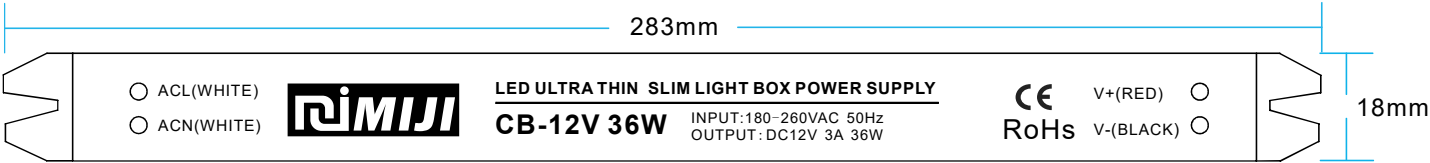
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Model		CB-36W 12V	CB-36W 24V
OUTPUT	DC voltage	12V	24V
	Rated current	3.0A	1.5A
	Cuttent range	0-3.0A	0-1.5A
	Rated output power	36W	36W
	Ripples and noise	≤200mVp-p	≤500mVp-p
	Output voltage range	12VDC±0.5VDC	24VDC±0.5VDC
	Precision of output voltage 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℃	
	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	IP20	
	MTBF	≥30khour 25℃	
	power supply size	L283*W18*H18mm	
	power supply weight	60.5g	
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.		

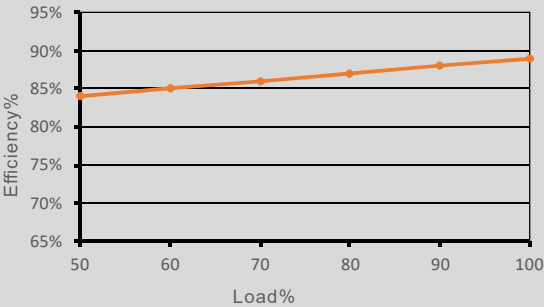
CB-36W 12V



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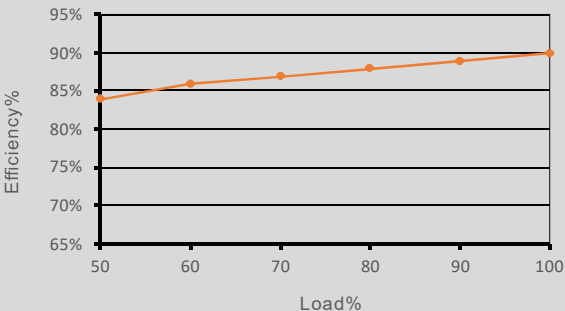


Efficiency vs Load



CB-36W 12V

Efficiency vs Load

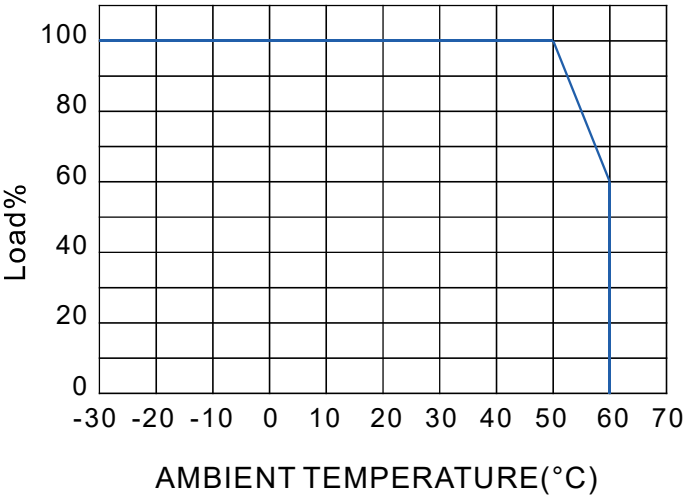


CB-36W 24V

Packaging Information

DIMENSION	283*18*18(LxWxH)
PACKING	/
PCS/CTN	200pcs
CARTON SIZE	510*320*245(LxWxH)
WEIGHT	60.5g/PCS

Temperature load curve



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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