

PBH-60-12, PBH-60-24

Sensor

Constant Voltage LED Driver

- 90-264VAC Input
- Constant voltage output, Max. total output power 60W
- Built-in active PFC function: 0.95 Typ
- Ultra-thin design, light weight and high efficiency
- Over-load / Short circuit protection
- Suitable for indoor LED lighting application
- 5 Year, 50,000hr warranty



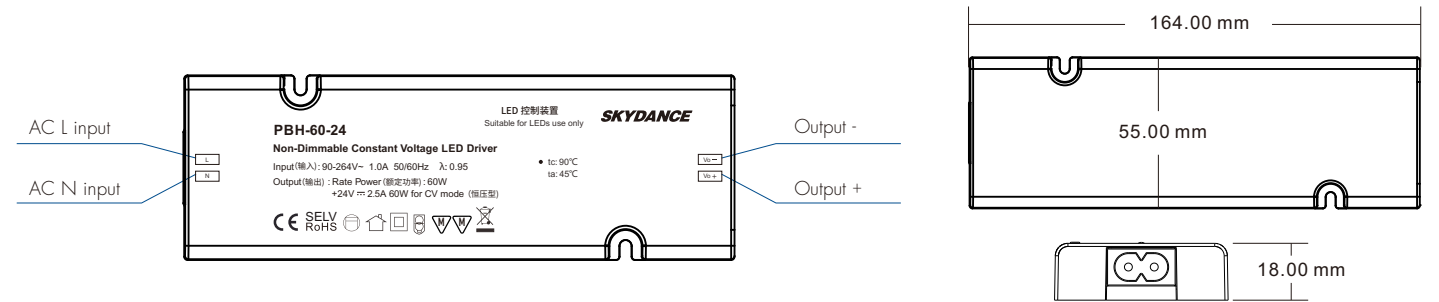
Applications

- Suitable for cabinet LED strip.

Technical Parameters

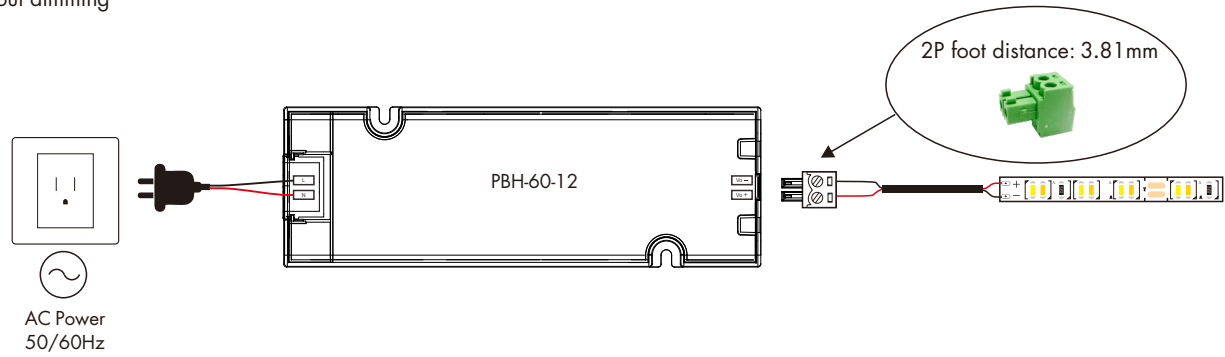
Model		PBH-60-12	PBH-60-24
Output	Output Voltage	12VDC	24VDC
	Output Current	Max. 5.0A	Max. 2.5A
	Output Power	Max. 60W	
	Startup time	1s/230VAC, 1.5s/115VAC	
	Dimming Range	0~100%	
	Ripple & Noise	500mVp-p	
Input	Input Voltage Range	90~264VAC	
	Frequency Range	50/60Hz	
	Efficiency	85%	
	Alternating Current	0.7A/100VAC, 0.3A/230VAC	
	Power Factor	0.98	
	No Load Power	0.3W	
	Inrush Current	Cold start 28A	
	Anti Surge	L-N:1KV	
	Leakage Current	<0.75mA	
Protection	Over Load	Shut down the output Voltage, when the load>=110%~140%, auto recovers.	
	Short Circuit	Shut down the output Voltage, auto recovers	
Environment	Woking Temperature	-20℃~45℃	
	T-case Max	90℃	
	Working Humidity	20%~90%RH, non-condensing	
	Storage Temperature/Humidity	-40℃~80℃, 10%~95%RH	
	Temperature Coefficient	±0.03%/℃ (0-50%)	
	Vibration Resistance	10-500Hz, 2G, 6min/cycle, X, Y, Z axes/2min	
IP Rating	IP42		
Safety & EMC	Security Specifications	IEC/EN61347-1, IEC/EN61347-2-13, GB19510.14	
	Withstand Voltage	I/P-O/P: 3750VAC	
	Insulation Resistance	I/P-O/P: 100MΩ / 500VDC / 25℃ / 70%RH	
	EMC Emission	EN61000-3-2 Class C, IEC61000-3-3	
	EMC Immunity	EN61000-4-2.3.4.5.6.8.11, EN61547	
	Certications	CE	
Others	Net weight	250g	
	Gross weight	270g	
	Size	164x55x18mm	
NOTE	All parameters NOT specially mentioned are measured at 230VAC input, rate current and 25 °C of ambient temperature.		

Mechanical Structures and Installations

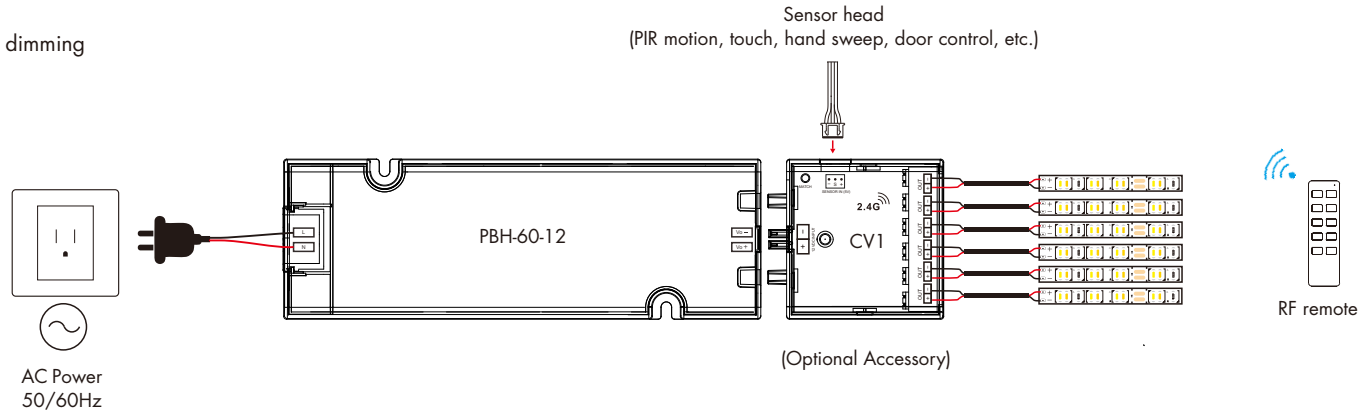


Wiring Diagram

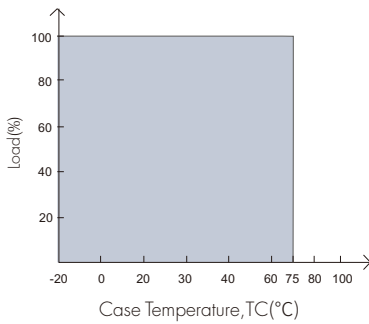
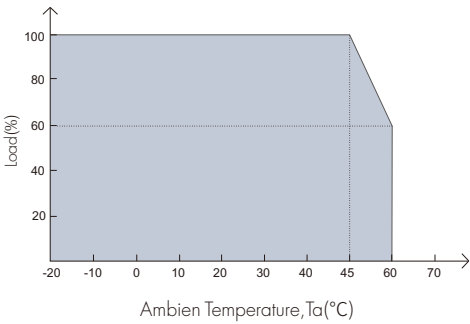
1. Without dimming



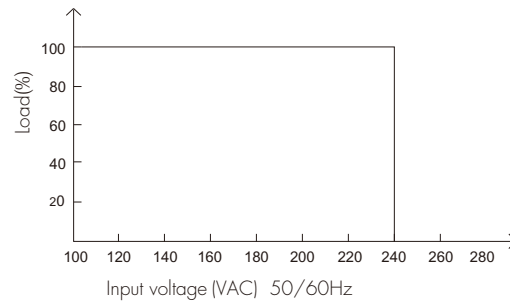
2. With dimming



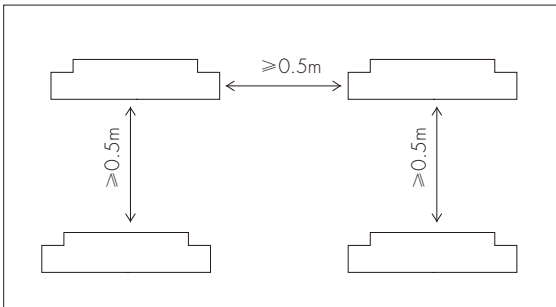
Output Load VS Temperature



Static characteristic

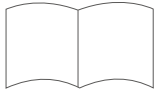


Installation precautions



Please do not stack the products.
The distance between two products should be $\geq 0.5m$,
so as not to affect heat dissipation and lifespan of the products.

Packing List

					
LED Driver 1 pcs	User Manual 1 pcs	2P Terminal 1 pcs	Accessories (screw 2 pcs)	Slotted screwdriver 1 pcs	Power supply cable (Line length 1.5 meters) 1 pcs