



CVPSD Series

LED Driver Specifications

Project _____

Date _____ Type _____



CVPSD-60WP-24V-JB

Features

- 120 VAC input
- 12 VDC or 24 VDC output versions available
- Includes durable steel junction box
- Built-in short-circuit, overload, and over-temperature protection
- TRIAC dimmable

Application

These drivers are an excellent solution for the remote mounting of low voltage LED lights such as strips and light bars. The included junction box and compact design make installations easier and safer.

Certifications and Compliances

25 W and 60 W class 2 drivers are ETL Listed in compliance with UL 1310 and UL 8750. 120 W and 200 W drivers are ETL Listed in compliance with UL 1012.

Dimensional Drawing

Model CVPSD-	25WP-x-JB	60WP-x-JB	120WM-x-JB	200WM-x-JB
A	ø 0.51 in. (13 mm)		ø 0.87 in. (22 mm)	
B		13.15 in. (334 mm)	14.33 in. (364 mm)	15.98 in. (406 mm)
C		13.78 in. (350 mm)	14.96 in. (380 mm)	15.39 in. (391 mm)
D		3.03 in. (77 mm)		3.43 in. (87 mm)
E	1.04 in. (26.5 mm)	1.46 in. (37 mm)	2.24 in. (57 mm)	2.36 in. (60 mm)

Available Models

12 VDC Output

- CVPSD-25WP-12V-JB
- CVPSD-60WP-12V-JB
- CVPSD-120WM-12V-JB
- CVPSD-200WM-12V-JB

24 VDC Output

- CVPSD-25WP-24V-JB
- CVPSD-60WP-24V-JB
- CVPSD-120WM-24V-JB
- CVPSD-200WM-24V-JB

Part Number Breakdown

Example: CVPSD-60WP-24V-JB

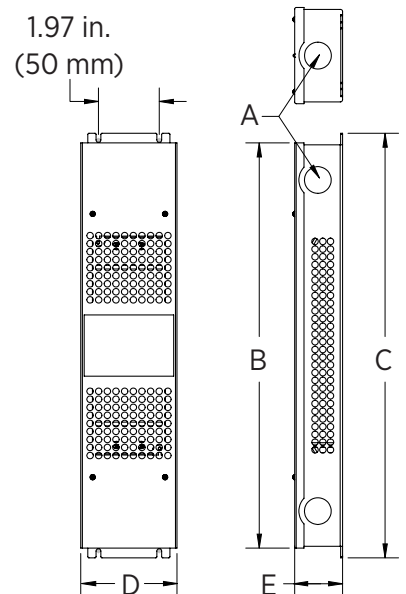
Family	Output Wattage	Driver Case	Output Voltage	Included Accessories
CVPSD	25W [25 W] or 60W [60 W]	P [plastic]	12V [12 VDC] or 24V [24 VDC]	JB [junction box]
	120W [120 W] or 200W [200 W]	M [metal]		

Optional Accessories

- 6 ft, 5-15P power cord (_POWERCORD)

Warranty

Two (2) Year Warranty



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Specifications are subject to change without notice.

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General Specifications (all models)

Model CVPSD-	25WP-x-JB	60WP-x-JB	120WM-x-JB	200WM-x-JB
Dimming	TRIAC			
Power Factor	0.65 (full-loading)			
Short-circuit Protection	hiccup mode (recovers automatically once fault is removed)			
Overloading Protection	≤120% of maximum load			
Leakage Current	<0.5 mA			
Withstand Voltage	I/P-O/P: 1500 VAC			
Isolation Resistance	I/P-O/P: 100 MΩ / 500 VDC / 25° C/70% RH			
Ambient Operating Temperature	-40°-140° F (-40°-60° C)			
Over-temperature Protection	212° F ± 18° F (100° C ± 10° C) shuts down output voltage and automatically recovers after temperature is lowered			
Operating Humidity	20-90% relative humidity, non-condensing			
IP Rating	IP20		IP66	
Weight	1.5 lb (0.68 kg)	2.15 lb (0.98 kg)	3.7 lb (1.68 kg)	5.1 lb (2.3 kg)
UL Standard	UL 1310 and UL8750		UL 1012	
Junction Box Finish	white		black	

12 VDC Output Model Specifications

Model CVPSD-	25WP-12V-JB	60WP-12V-JB	120WM-12V-JB	200WM-12V-JB
Input Voltage	120 VAC			
Maximum Input Wattage	70 W	78 W	156 W	250 W
Maximum Input Current	0.9 A	1 A	2 A	3.2 A
Output Voltage	12 VDC			
Output Wattage	25 W	60 W	120 W	200 W (100 W x 2)
Maximum Output Current	2.08 A	5 A	10 A	16.67 A (8.33 A x 2)

24 VDC Output Model Specifications

Model CVPSD-	25WP-24V-JB	60WP-24V-JB	120WM-24V-JB	200WM-24V-JB
Input Voltage	120 VAC			
Maximum Input Wattage	70 W	78 W	156 W	250 W
Maximum Input Current	0.9 A	1 A	2 A	3.2 A
Output Voltage	24 VDC			
Output Wattage	25 W	60 W	120 W	200 W
Maximum Output Current	1.04 A	2.5 A	5 A	8.33 A

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