



CPS-12V-18W

Available Models¹

5 VDC Output

- CPS-5V-12W
- CPS-5V-25W

12 VDC Output

- CPS-12V-12W
- CPS-12V-18W
- CPS-12V-24W
- CPS-12V-36W
- CPS-12V-48W

24 VDC Output

- CPS-24V-12W
- CPS-24V-18W
- CPS-24V-24W
- CPS-24V-36W
- CPS-24V-48W

Standard black case number shown. Add "(white)" to the end of 12 VDC or 24 VDC models for white case models.

Overview

The wall-mount power adaptor from DiodeDrive provides power for DC systems. The Class II device has an enclosed plastic case and protection against electrical shock. 2-Prong 120 VAC input. 5.5-mm barrel connector.

Features

- 1-15P plug for 120 VAC input
- 5.5mm barrel connector for 12 VDC output
- UL Class II

Product Details

- ~4' wire length

Certifications and Compliances

- UL Listed - UL 1310



Warranty

- 3-year warranty

Part Number Breakdown

Example: CPS-5V-12W(White)

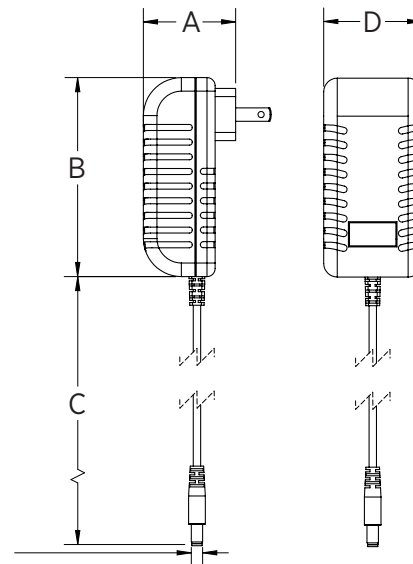
Series	Output Voltage	Output Wattage	Finish
CPS [Constant voltage Power Supply]	5V [5 VDC] 12V [12 VDC] or 24V [24 VDC]	12W [12 W]	blank [black] or (white) [white]
		18W [18 W]	
		24W [24 W]	
		25W [25 W]	
		36W [36 W]	
		48W [48 W]	

Optional Accessories

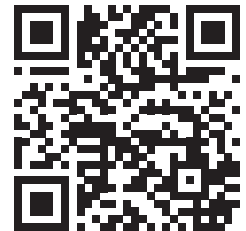
- Female 5.5 x 2.1 mm DC barrel connector (CPS-F2ST)

Dimensional Drawing

CPS-	x-12W	x-18W	x-24W x-25W	x-36W	x-48W
A	1.5 in. (38 mm)	1.6 in. (40 mm)	1.7 in. (43 mm)	1.7 in. (43 mm)	1.5 in. (38 mm)
B	2.8 in. (72 mm)	2.9 in. (75 mm)	3.7 in. (93 mm)	3.7 in. (93 mm)	3.4 in. (86 mm)
C	48.5 in. (1.23 m)	48.5 in. (1.23 m)	48.5 in. (1.23 m)	48.5 in. (1.23 m)	47.5 in. (1.2 m)
D	1.7 in. (43 mm)	1.6 in. (41 mm)	1.8 in. (46 mm)	1.8 in. (46 mm)	1.9 in. (48 mm)



5.5 x 2.1 mm barrel



CPS Series

Wall-Mounted Power Supply Specifications

General Specifications (all models)

Model	CPS-x-12W	CPS-x-18W	CPS-x-24W	CPS-x-25W	CPS-x-36W	CPS-x-48W
Dimming	None					
Ambient Operating Temperature	32°-104° F (0°-40° C)					
Input Connection	1-15P (standard two-prong wall plug)					
Output Connection	DC barrel jack (5.5 mm / 2.1 mm)					

5 VDC Output

Model	CPS-5V-12W	CPS-5V-25W
Input Voltage	120 VAC	
Maximum Input Wattage	48 W	96 W
Maximum Input Current	0.4 A	1.2 A
Output Voltage	5 VDC	
Output Wattage	12 W	25 W
Maximum Output Current	2.4 A	5 A

12 VDC Output

Model	CPS-12V-12W	CPS-12V-18W	CPS-12V-24W	CPS-12V-36W	CPS-12V-48W
Input Voltage	120 VAC				
Maximum Input Wattage	48 W	48 W	96 W	144 W	144 W
Maximum Input Current	0.4 A	0.4 A	0.8 A	1.2 A	1.2 A
Output Voltage	12 VDC				
Output Wattage	12 W	18 W	24 W	36 W	48 W
Maximum Output Current	1 A	1.5 A	2 A	3 A	4 A

24 VDC Output

Model	CPS-24V-12W	CPS-24V-18W	CPS-24V-24W	CPS-24V-36W	CPS-24V-48W
Input Voltage	120 VAC				
Maximum Input Wattage	48 W	48 W	96 W	144 W	144 W
Maximum Input Current	0.4 A	0.4 A	0.8 A	1.2 A	1.2 A
Output Voltage	24 VDC				
Output Wattage	12 W	18 W	24 W	36 W	48 W
Maximum Output Current	0.5 A	0.75 A	1 A	1.5 A	2 A

Notes

