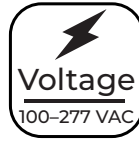




CVPS-100WP-24V-416



Available Models¹

12 VDC Output

- CVPS-60WP-12V-500
- CVPS-100WP-12V-832

24 VDC Output

- CVPS-60WP-24V-250
- CVPS-100WP-24V-416

Part Number Breakdown

Example: CVPS-60WP-24V-250

Series	Output Wattage	Driver Case	Output Voltage	Output Amperage
CVPS [Constant Voltage Power Supply]	60W [60 W]	P [plastic]	12V [12 VDC]	500 [5 A (x1)]
			24V [24 VDC]	250 [2.5 A (x1)]
	100W [100 W]		12V [12 VDC]	832 [4.16 A (x2)]
			24V [24 VDC]	416 [4.16 A (x1)]

Overview

This DiodeDrive switching power supply is designed to deliver constant voltage output. Reliable and widely applicable, it powers technology with high energy efficiency. It has multiple integrated protections for safe operation and a fully enclosed waterproof case for indoor and outdoor applications. Outdoor use requires additional waterproofing at wire connections.

Features

- UL Class 2 Power Supply
- Universal 100-277 VAC input
- Energy-saving high-efficiency operation
- Waterproof housing for indoor or outdoor locations
- Protections: short circuit, overload, and over temperature

Product Details

- Switching power supply; no floating ground
- Designed for constant voltage output
- IP68 waterproof

Certifications and Compliances

- UL Recognized - UL 8750 (FKSZ2)



Applications

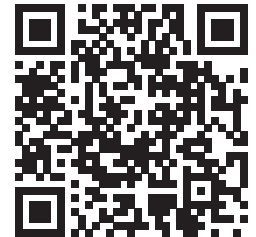
- Home Interiors
- Stage & Theaters
- Strip Lights

Warranty

- 3-year warranty

Optional Accessories

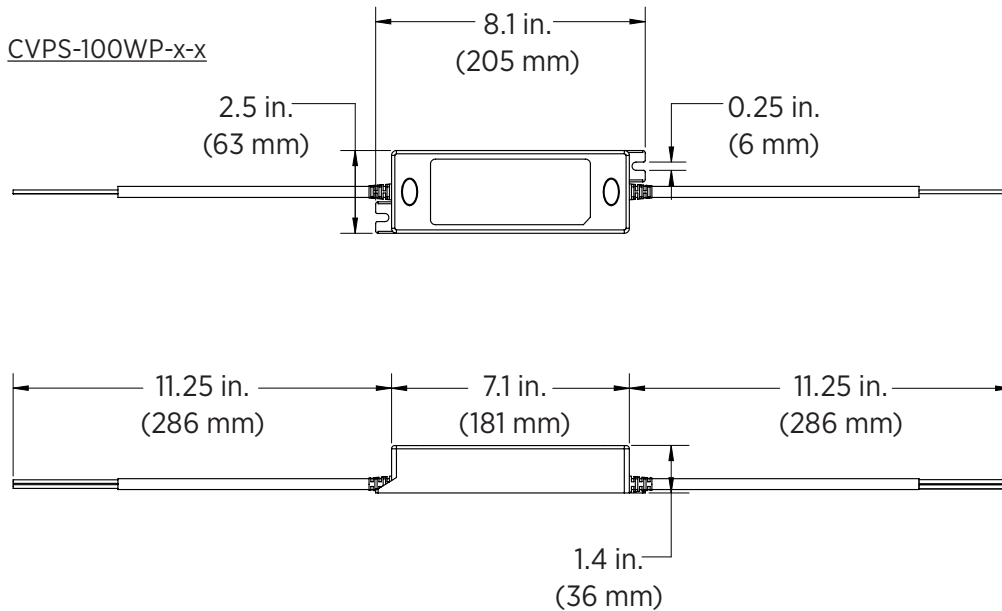
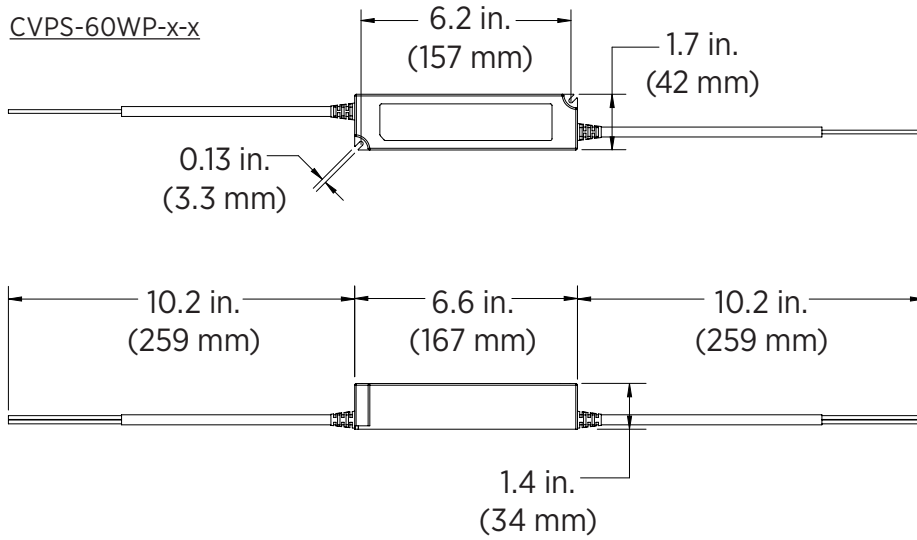
- 6 ft, 5-15P power cord (_POWERCORD)



CVPS Series

Constant Voltage Power Supply Specifications

Dimensional Drawings





CVPS Series

Constant Voltage Power Supply Specifications

Specifications

Model CVPS-		60WP-12V-500	60WP-24V-250	100WP-12V-832	100WP-24V-416
Output Voltage		12 VDC	24 VDC	12 VDC	24 VDC
Maximum Output Current		5 A per channel (x1)	2.5 A per channel (x1)	4.16 A per channel (x2)	4.16 A per channel (x1)
Maximum Output Wattage		60 W		100 W	
Maximum Input Current		0.8 A		1.6 A	
Input Voltage		100-277 VAC			
Dimming		None			
Efficiency		≥ 90%			
Power Factor		≥ 0.95 (input)			
Leakage Current		<0.75 mA (@277 VAC)			
Hi-pot	I/P-O/P	3.75 kVAC/ 10mA/ 3S			
	I/P-Case	1.8k VAC/ 10mA/ 3S			
Protections		Overload, Short Circuit, Over Temperature			
Operating Humidity		20-95% relative humidity, non-condensing			
IP Rating		IP68			
Environmental Rating		Suitable for Wet Locations, Waterproof			
MTBF		30,000 hours			
Ambient Operating Temperature		-40°-122° F (-40°-50° C)			
Weight		1.5 lb (0.7 kg)		2 lb (0.9 kg)	

