



CVPSD-60WM-48V



### Available Models<sup>1</sup>

#### 36 VDC Output

- CVPSD-60WM-36V
- CVPSD-100WM-36V
- CVPSD-150WM-36V

#### 48 VDC Output

- CVPSD-60WM-48V
- CVPSD-100WM-48V
- CVPSD-150WM-48V

### Part Number Breakdown

Example: CVPSD-100WM-48V

Series	Output Power	Driver Case	Output Voltage
<b>CVPSD</b> [Constant Voltage Power Supply, Dimmable]	<b>60W</b> [60W]	<b>M</b> [Metal]	<b>36V</b> [36 VDC] or <b>48V</b> [48 VDC]
	<b>100W</b> [100W]		
	<b>150W</b> [150W]		

### Description

The constant voltage power supply powers up to 150W of single-channel strip lights, light bars, and more. This driver is constructed for indoor or outdoor use with an aluminum and/or galvanized steel housing that protects the internal components from moisture and dust. The power supply dimmable and has one output channel. Available in 36 or 48 VDC output options.

### Features

- Dimmable: 0-10V, PWM, and Potentiometer (60W, 150W), or 0-10V and Potentiometer (100W)
- Protected against short circuits, overload, and overvoltage
- Constant voltage PWM output
- IP65 waterproof

### Product Details

- Class 2 power supply (60 W and 100 W versions)
- Constant PWM Output: 36 or 48 VDC (as ordered)
- 2kV surge protection
- Universal Input: 120-277 VAC

### Certifications and Compliances

- UL Recognized - UL 8750 (FKSZ2)
- Class 2 - UL 1310 (60W and 100W models)
- FCC compliant



### Applications

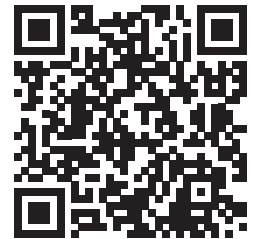
- Downlighting • Offices
- Flood Lights • Retail Shops
- Hospitality • Wall Sconces

### Optional Accessories

- 6ft 5-15P power cord (POWERCORD)

### Warranty

- 5-year warranty





# CVPSD Series

## Constant Voltage Power Supply Specifications

### Specifications

MODELS		CVPSD-60WM-36V	CVPSD-100WM-36V	CVPSD-150WM-36V
<b>OUTPUT</b>				
Output Power		60W	100W	150W
Output Voltage		36 VDC		
Output Current		0.16-1.66A	0.27-2.7A	0.416-4.16A
Output Channels		1		
<b>INPUT</b>				
Input Voltage		120-277 VAC		
Input Frequency		50/60Hz		
Input Current	120 VAC	600mA	980mA	1480mA
	277 VAC	260mA	420mA	620mA
Efficiency (typical)		88%	90%	91%
Input Power		68W	111W	163W
Inrush Current (max)		30A	40A	45A
Power Factor		≥0.9		
Total Harmonic Distortion		THD≤20%		
<b>DIMMING</b>				
Dimming Control		0-10V, PWM, Potentiometer	0-10V, Potentiometer	0-10V, PWM, Potentiometer
PWM Output Frequency (TYP)		880Hz	440Hz	870Hz
10V PWM Dimming Frequency		480Hz-1kHz		
<b>PROTECTIONS</b>				
Protection Types		Short Circuit, Overload, and Overvoltage		
Surge Rating		2kV		
<b>ENVIRONMENTAL</b>				
IP Rating		IP65		
Environmental Rating		Suitable for Damp Locations, Waterproof		
Ambient Operating Temperature		-40 to 50°C (-40 to 122°F)		
Maximum Tcase Temperature		90°C (194°F)		
<b>MECHANICAL HOUSING</b>				
Wire Gauge		18AWG		
Housing Color		Silver	Black	Silver
Case Material		Aluminum, Galvanized Steel Top	Galvanized Steel	Aluminum Housing





# CVPSD Series

## Constant Voltage Power Supply Specifications

### Specifications

MODELS		CVPSD-60WM-48V	CVPSD-100WM-48V	CVPSD-150WM-48V
<b>OUTPUT</b>				
Output Power		60W	100W	150W
Output Voltage		48 VDC		
Output Current		0.125-1.25A	0.208-2.08A	0.312-3.12A
Output Channels		1		
<b>INPUT</b>				
Input Voltage		120-277 VAC		
Input Frequency		50/60Hz		
Input Current	120 VAC	600mA	980mA	1480mA
	277 VAC	260mA	420mA	620mA
Efficiency (typical)		88%	90%	91%
Input Power		68W	110W	163W
Inrush Current (max)		30A	40A	45A
Power Factor		≥0.9		
Total Harmonic Distortion		THD≤20%		
<b>DIMMING</b>				
Dimming Control		0-10V, PWM, Potentiometer	0-10V, Potentiometer	0-10V, PWM, Potentiometer
PWM Output Frequency (TYP)		860Hz	450Hz	950Hz
0-10V Circuit Frequency		480Hz-1kHz		
<b>PROTECTIONS</b>				
Protection Types		Short Circuit, Overload, and Overvoltage		
Surge Rating		2kV		
<b>ENVIRONMENTAL</b>				
IP Rating		IP65		
Environmental Rating		Suitable for Damp Locations, Waterproof		
Ambient Operating Temperature		-40 to 50°C (-40 to 122°F)		
Maximum Tcase Temperature		90°C (194°F)		
<b>MECHANICAL HOUSING</b>				
Wire Gauge		18AWG		
Housing Color		Silver	Black	Silver
Case Material		Aluminum, Galvanized Steel Top	Galvanized Steel	Aluminum Housing

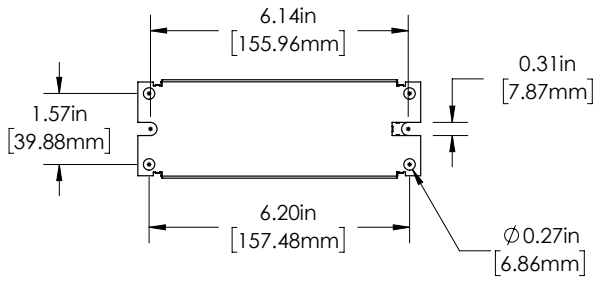
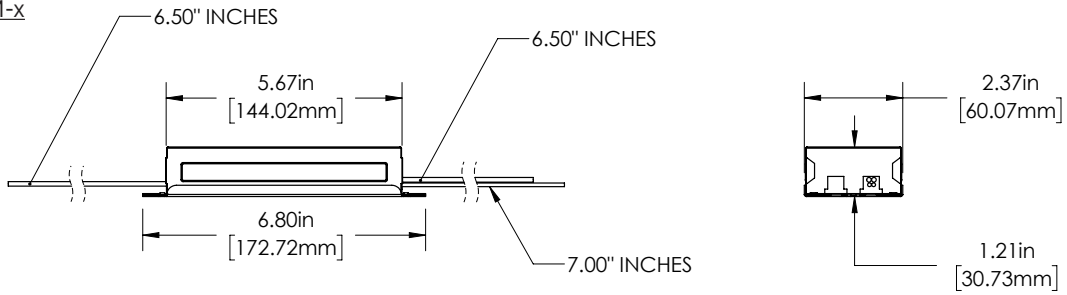


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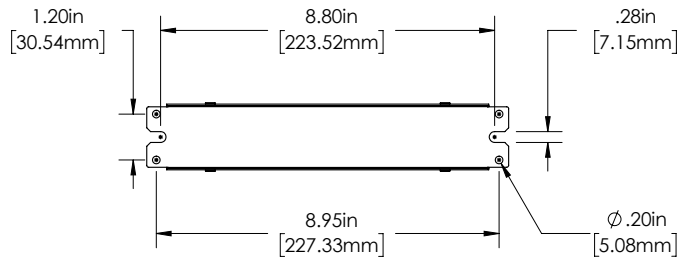
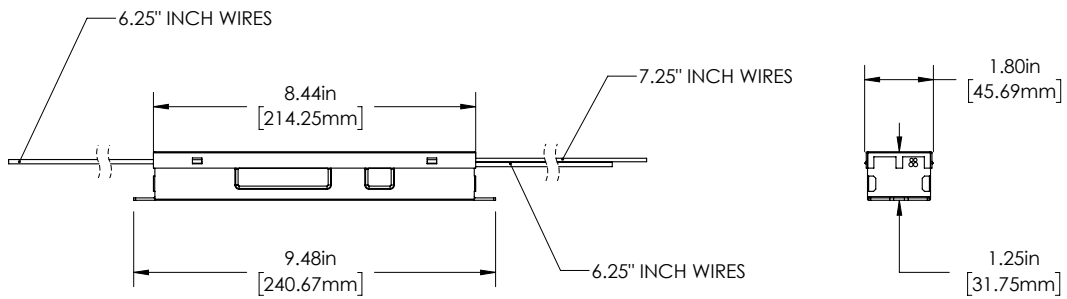
## Constant Voltage Power Supply Specifications

### Dimensional Drawings

CVPSD-60WM-x



CVPSD-100WM-x



# CVPSD Series

## Constant Voltage Power Supply Specifications

### Dimensional Drawings

CVPSD-150WM-x

