

PSH CV SERIES

CONSTANT VOLTAGE POWER SUPPLY

The **CV Series** leverages the industry’s best technology to ensure that the custom fixtures in the Prolume portfolio perform to the best of their ability when energized. With a low voltage power supply offering ranging from 4 to 100 watts, the PSH product offerings will deliver quality results to meet your specific illumination requirements with Prolume fixtures.

Specifications	PSH24-012	PSH24-024	PSH24-040	PSH24-060	PSH24-080	PSH24-100	PSH12-004
Output Voltage_{dc}	24						12
Output Current_{MAX}	0.5 A	1.0 A	1.67 A	2.5 A	3.3 A	4.17 A	0.33 A
¹Output Power_{MAX}	12 W	24 W	40 W	60 W	80 W	100 W	4 W
Input Voltage_{120 dc}	120 V						
Input Current	0.18 A	0.27 A	0.5 A	0.65 A	0.86 A	0.96 A	0.12 A
Input Voltage_{277 dc}	277 V						
Input Current	0.08 A	0.13 A	0.13 A	0.28 A	0.4 A	0.41 A	0.06 A
Input Power	15 W	29 W	47 W	70 W	93 W	112 W	4 W
Input Frequency	50 / 60 Hz						
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.40
Efficacy	75%	83%	86%	86%	86%	86%	70%
Minimum Load	50%	None	10%	None	None	None	10%
Environmental Rating	Wet	Wet	Damp	Damp	Damp	Damp	Damp
Certifications	UL 8750 Recognized Component, FCC, UL, RoHS						
Warranty_{Limited}	5 years						
Housing	Polycarbonate	Metal	Polycarbonate	Metal	Metal	Metal	Polycarbonate
Dimensions_{LxWxH}	3 x 1.23 x	4.80 x 1.58 x	3.76 x 2.74 x	9.5 x 1.7 x	9.5 x 1.7 x	9.5 x 1.7 x	1.93 x 1.07 x
Inch	0.98	0.96	1.26	1.18	1.18	1.18	0.79
Case Style	Y	D	W	I	I	I	-
Operating Temp Range	-30 to 90 °C	-40 to 90 °C	-40 to 90 °C	-40 to 90 °C	-40 to 90 °C	-30 to 90 °C	-20 to 85 °C
Weight_{lbs}	0.16 lb	0.52 lb	0.66 lb	1.33 lb	1.33 lb	2.45 lb	0.26 lb

¹ Load should not exceed eighty percent (80%) of driver capacity.
Specification subject to change without prior notification

Features

- Short circuit and overload protection
- Over temperature protection
- Output Voltage tolerance +/- 5% @ 25°C
- Withstanding voltage: I/P – O/P 2kVAC

Ordering Information

Series	Product	Voltage	Wattage ¹
CV	PSH	12	004
		24	012
			024
			040
			060
			080
			100

¹ Four (004) watt only available with 12 V output. All other drivers operate at 24 V.

- All dimensions in INCHES