

Power Supplies

Specifications Guide



Product Features

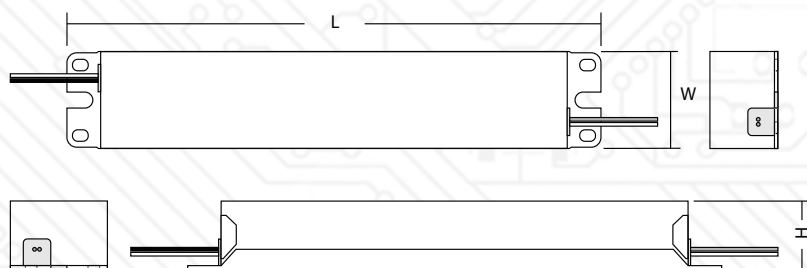
- Suitable for LED sign lighting and signage retrofit kits
- Available in 12 volt and 24 volt D.C
- Available in 12W, 24W, 60W, 72W, 96W, and 2 x 60 (120W)
- Overload and short-circuit protected
- Operating temperature -40°C to 40°C (reduce loading if exceeds 40°C)
- Dry, damp, and wet location rated
- Fully encapsulated
- High Power Factor
- Short circuit protection
- UL Class 2 rated
- CSA Components certified
- 5 year standard warranty

Specifications Chart

Catalogue Number	Input Voltage	Input Current Amps	Output Volts	Output Current	Output Watts	Housing (inches)			Power Factor	Rating
						L	W	H		
12 Volts DC Output										
CV121	120	0.14A	12	1.0	12	5.98	1.34	1.00	HPF	Dry & Damp
CV122-120-277V	120-277	0.29A	12	2.0	24	4.80	1.58	0.96	HPF	Dry & Damp
CV125-120 BLK**	120	0.61A	12	5.0	60	9.50	1.75	1.15	HPF	Dry & Damp
CV125-120-277V BLK**	120-277	0.65A	12	5.0	60	9.50	1.75	1.15	HPF	Dry & Damp
CV125-347	347	0.25A	12	5.0	60	9.50	1.75	1.15	HPF	Dry & Damp
CVW125-MV*	120-277	0.65A	12	5.0	60	10.50	1.91	1.50	HPF	Dry, Damp & Wet
CV12125-MV	120-277	1.25A	12	2 X 5.0	2 X 60	9.50	3.00	1.75	HPF	Dry & Damp
24 Volts DC Output										
CVW243-MV*	120-277	1.00A	24	3.3	72	10.5	1.91	1.50	HPF	Dry, Damp & Wet
CV244-120-277V	120-277	1.04A	24	4.0	96	9.50	1.70	1.18	HPF	Dry & Damp

* CVW Waterproof series IP68

** BLK - Bulk Packaging includes 20 units



Wire Size Recommendation

Distance to Power Supply	Stranded Copper Wire Gauge	Expected Voltage Drop
13 Feet	16 AWG	5%
20 Feet	14 AWG	5%
30 Feet	12 AWG	5%

*Wire size recommendation from LED Module to Power supply.



SIGN, GRAPHICS & DIGITAL IMAGING SOLUTIONS

Excellence in Distribution Since 1946

www.IECDelivers.com

Loading Recommendation

Maximum LED Modules Per Power Supply

12 Volt DC Systems							
Part Number	CV121	CV122-120-277V	CV125-120 BLK	CV125-120-277V BLK	CV125-347	CVW125-MV	CV12125-MV
Cool White Modules							
S05W2CW	22	43	108	108	108	108	108 + 108
S1W2CW	10	20	50	50	50	50	50 + 50
ACLW-CW2 100	22	45	112	112	112	112	112 + 112
ACLW-CW-1W	6	15	27	27	27	27	40 + 40
ACLW-CW-3W	3	6	14	14	14	14	14 + 14
ACLW-CW2-LP	22	45	112	112	112	112	112 + 112
ACLW-CW-VLP	18	36	90	90	90	90	90 + 90
Warm White Modules							
ACLW-WW2 100	22	45	112	112	112	112	112 + 112
Color Modules							
ACLW-XX2 100*	22	45	112	112	112	112	112 + 112
RGB Modules							
ACLW-RGB3 25	15	30	75	75	75	75	75 + 75
ACLW-RGB AD	15	30	80	80	80	80	80 + 80
LED Slide for Cabinet Sign Lighting**							
ASL2-48CW-1W	-	-	3	3	3	3	8
ASL2-60CW-1W	-	-	2	2	2	2	6
ASL2-72CW-1W	-	-	1	1	1	1	5
ASL2-84CW-1W	-	-	1	1	1	1	5
ASL2-96CW-1W	-	-	1	1	1	1	4
ASL2-48CW-3W	-	-	4	4	4	4	9
ASL2-60CW-3W	-	-	3	3	3	3	7
ASL2-72CW-3W	-	-	2	2	2	2	5
ASL2-84CW-3W	-	-	2	2	2	2	4
ASL2-96CW-3W	-	-	2	2	2	2	4
24 Volt DC Systems							
Part Number	CV244-120-277V	CVW243-MV					
LED Saber for Cabinet Sign Lighting***							
APS-12CW-30	10	8	-	-	-	-	-
APS-24CW-30	6	5	-	-	-	-	-
APS-36CW-30	4	3	-	-	-	-	-
APS-48CW-30	3	2	-	-	-	-	-
APS-60CW-30	2	2	-	-	-	-	-
APS-72CW-30	2	1	-	-	-	-	-
LED T8 Lamps							
ALT8-48CW-C	4	3	-	-	-	-	-
LED SkyLine - LED Rigid Border Tubing							
ARBT-98XX*	4	3	-	-	-	-	-
RGB SkyLine - RGB Color Changing Rigid Border Tubing							
ARBT-98RGB	1	1	-	-	-	-	-

* XX in part # denotes color code ** Please reduce 50% loading for double sided slide
 *** 80% to 85% load factor for combination of strips. One CV244-120-277V power supply will power a maximum of 12' Sabers.



SIGN, GRAPHICS & DIGITAL IMAGING SOLUTIONS

Excellence in Distribution Since 1946

www.IECDelivers.com