

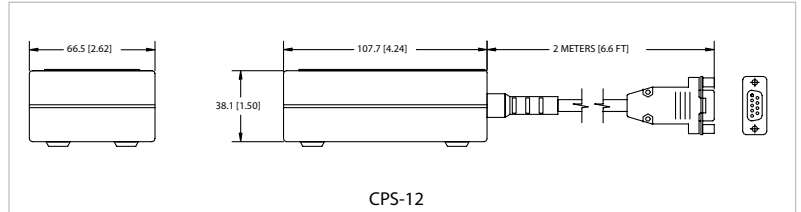
## NERLITE® Standard Power Supplies

The NERLITE Power Supply Series includes the **CPS-12** which provides continuous 12 VDC power. For continuous 24VDC power, choose either the CPS-24 with "flying leads" or the **CPS-24T** with 9 pin D-sub output connector. The **VPS-II (Variable Power Supply)** provides two independent channels of variable DC output. The VPS-II is used for either two separate lights or one light requiring two power sources. Intensity adjustment of light powered by the VPS-II is accomplished manually (lockable knobs) or via the analog input. All NERLITE Power Supplies come with a 1.8M (6ft.) AC power cable.

NOTE: See <http://www.nerlite.com> for information on NERLITE [Constant Current Drivers](#) and [Current Controllers](#).

Model #	Description
RVA:010500301	CPS-12, 3.5A PS, DB9-F, US
RVA:010500303	CPS-12, 3.5A PS, DB9-F, EU
RVA:010502601	CPS-24T, 2.2A PS, DB9-F, US <sup>1</sup>
RVA:010502602	CPS-24T, 2.2A PS, DB9-F, EU <sup>1</sup>
RVA:010501402	CPS-24, 2.2A PS, No Conn., US <sup>2</sup>
RVA:010501401	CPS-24, 2.2A PS, No Conn., EU <sup>2</sup>
RVA:010503500	VPS-II Variable PS, 2 Channel, US
RVA:010503501	VPS-II Variable PS, 2 Channel, EU
RVA:010503510	VPS-II Variable PS, for MVI RVA:010250001, US
RVA:010503511	VPS-II Variable PS, for MVI RVA:010250001, EU

<sup>1</sup>Use with either SCM-1 (p/n RVA:010502702) or 24V-C lights with DB-9 connectors  
<sup>2</sup>Use w/SCM-2 (p/n RVA:010901900)



CPS-12

### Electrical:

Models	INPUT (AC)			OUTPUT (DC)	
	Voltage	Current	Hz	Voltage	Current (max.)
RVA:010500301 RVA:010500303	100-250	1.1A at 100VAC	50/60	12	3.5A
RVA:010502601 RVA:010501402	100-250	1.0A at 120VAC	50/60	24	2.2A
RVA:010502602 RVA:010501401	100-250	0.5A at 240VAC	50/60	24	2.2A
RVA:010503500 RVA:010503501	90-264	1.5A 0.9A	47-440	4 to 12 manual, 7 to 12 analog <sup>1</sup>	2.0A <sup>1</sup>
RVA:010503510 RVA:010503511	90-264	1.5A 0.9A	47-440	* to 9.8 manual, * to 9.8 analog <sup>2</sup>	2.0A <sup>1</sup>

<sup>1</sup> Per channel

<sup>2</sup> Axis 2 output; Axis 1 same as RVA:010503500/010503501; Minimum voltage TBD as of 4/04

CE Conformity: Yes

### Mechanical:

Models	L x W x H (mm/in.)	Housing Material:	Weight:
CPS-12	107.7mm x 66.5mm x 38.1mm (4.24 in. x 2.62 in. x 1.50 in.)	ABS, Type PA-766	510 grams (18 oz.)
CPS-24 & CPS-24T	149.0mm x 86.0mm x 51.0mm (5.87 in. x 3.40 in. x 2.00 in.)	ABS, Type PA-766	550 grams (19.4 oz.)
VPS-II	187.7mm x 141.1mm x 86.4mm (7.39 in. x 5.56 in. x 3.40 in.)	Black Anodized Aluminum	0.8 kg (1.76 lbs.)

### Environmental:

Max. Operating Humidity  
Operating Temp.  
Storage Temp.

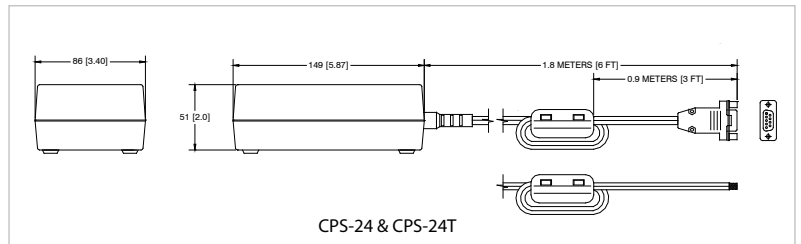
95% non-condensing  
5° to 40°C (41° to 104°F)  
-30° to +50°C (-22° to +122°F)

### Accessories:

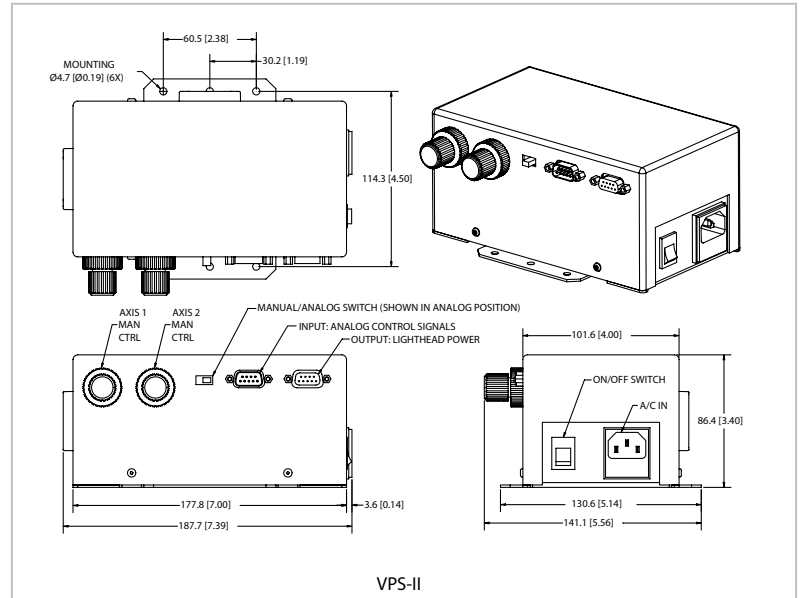
Part #	Description	Models Used On
RVA:030003702	Ext. Cable, 12 or 24 Volt Cont., 2.0 M (6.6 ft.)	12V-C & 24V-C
RVA:030003703	Ext. Cable, 12 or 24 Volt Cont., 3.0 M (10 ft.)	12V-C & 24V-C
RVA:030003601	Dual Power (Y) Ext. Cable, 2 Lights, 1.8 M (6 ft.)	12V-C & 24V-C
RVA:030007100	Dual Power (Y) Cable, 2 Channel, 1.8 M (6 ft.)	VPS-II <sup>1</sup>

See <http://www.dinmountingrail.com> for DIN Rail Mounting Accessories for VPS-II

<sup>1</sup> Use w/VPS-II for independent intensity control of 2 light heads



CPS-24 & CPS-24T



VPS-II

### Cables/Connectors:

	Connector	Length	Pin#	1	2	3	4	5	6	7	8	9
<b>CPS-12</b>	9 pin D-sub Female	2.0 M (6.6 ft.)		+12VDC	GND	GND	+12VDC	+12VDC	n/a	n/a	n/a	n/a
<b>CPS-24</b>	n/a (flying leads) <sup>1</sup>	1.8 M (6 ft.)		+24VDC <sup>1</sup>	GND <sup>1</sup>							
<b>CPS-24T</b>	9 pin D-sub Female	1.8 M (6 ft.)		+24VDC	GND	n/a	n/a	n/a	+24VDC	+24VDC	GND	GND
<b>VPS-II</b>	9 pin D-sub Female (power out)	n/a		+12VDC (Fan)	GND (Fan)	GND	+4 to +12 VDC (manual) +7 to +12 VDC (analog)	+4 to +12VDC (manual) <sup>4</sup> +7 to +12 VDC (analog) <sup>4</sup>	n/a	n/a	n/a	n/a
	9 pin D-sub Male (analog control)	n/a		VREF1 <sup>2</sup>	GND <sup>2</sup>	GND <sup>3</sup>	VREF2 <sup>3</sup>	n/a	n/a	n/a	n/a	n/a

<sup>1</sup> Leads are labeled V+ (+24VDC) and GND (Ground)

<sup>2</sup> 0 to 10 VDC @10 mA input at analog switch setting; controls output pins 3 & 5

<sup>3</sup> 0 to 10 VDC @10 mA input at analog switch setting; controls output pins 3 & 4

<sup>4</sup> Models RVA:010503510 & RVA:010503511 for use w/MVI RVA:010250001 have a maximum output of 9.8VDC in manual or analog mode on Axis 2 channel; minimum voltage TBD as of 4/04