

MICROSCAN®

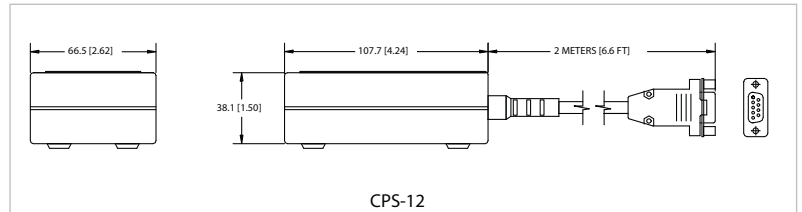
NERLITE® Standard Power Supplies

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.

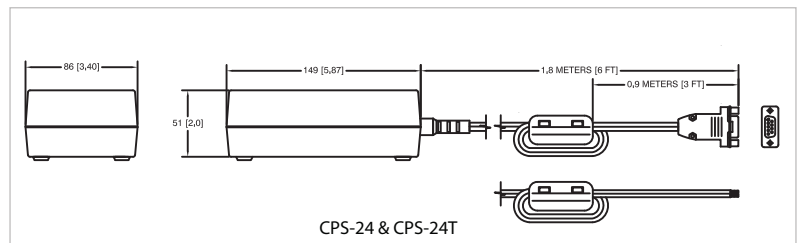
Model #	Description
NER-010500301	CPS-12, 3.5A PS, DB9-F, US
NER-010500303	CPS-12, 3.5A PS, DB9-F, EU
NER-010502601	CPS-24T, 2.2A PS, DB9-F, US ¹
NER-010502602	CPS-24T, 2.2A PS, DB9-F, EU ¹
NER-010501402	CPS-24, 2.2A PS, No Conn., US ²
NER-010501401	CPS-24, 2.2A PS, No Conn., EU ²
NER-010503500	VPS-II Variable PS, 2 Channel, US
NER-010503501	VPS-II Variable PS, 2 Channel, EU

¹Use with either SCM-1 (p/n NER-010502702) or 24V-C lights with DB-9 connectors

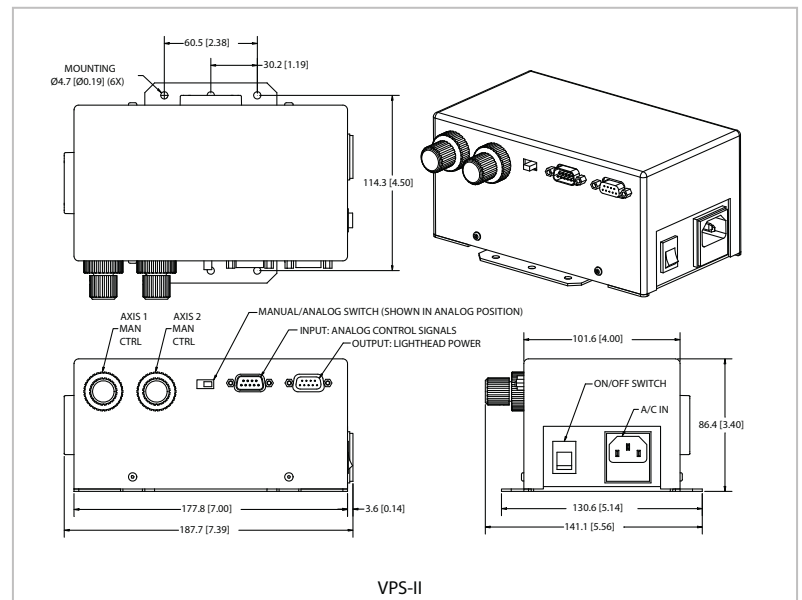
²Use w/SCM-2 (p/n NER-010901900)



CPS-12



CPS-24 & CPS-24T



VPS-II

Electrical:

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

¹ Per channel

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

Accessories:

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

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

Cables/Connectors:

	Connector	Length	Pin#	1	2	3	4	5	6	7	8	9
CPS-12	9 pin D-sub Female	2.0 M (6.6 ft.)		+12VDC	GND	GND	+12VDC	+12VDC	n/a	n/a	n/a	n/a
CPS-24	n/a (flying leads) ¹	1.8 M (6 ft.)		+24VDC ¹	GND ¹							
CPS-24T	9 pin D-sub Female	1.8 M (6 ft.)		+24VDC	GND	n/a	n/a	n/a	+24VDC	+24VDC	GND	GND
VPS-II	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) +7 to +12 VDC (analog) * to +9.8VDC	n/a	n/a	n/a	n/a
	9 pin D-sub Male (analog control)	n/a		VREF1 ²	GND ²	GND ³	VREF2 ³	n/a	n/a	n/a	n/a	n/a

¹ Leads are labeled V+ (+24VDC) and GND (Ground)

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

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