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# THORLABS

## SP620M - JUN 26, 2020

Item # SP620M was discontinued on JUN 26, 2020. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

### POWER CORDS AND STRIPS

- ▶ 12- and 24-Outlet Power Strips with US-, EU-, and UK-Style Connectors
- ▶ Power Cords with US-Style Connectors
- ▶ Cable Racks



**T17251**  
US-Style (110 VAC)  
Power Cord

**HDPS12-UK**  
12-Outlet Surge-Protected  
Power Strip with



**T1508**  
14-Slot Wall-Mounted Cable Rack



**T2708**  
9-Slot Wall-Mounted Cable Rack

#### OVERVIEW

Thorlabs offers a selection of power cords, power strips, and cable racks to meet your needs. The T17251 power cord is 7.5' (2.3 m) long, has US-style connectors, and is sold in packs of 5. Additionally, 12- and 24-outlet power strips with your choice of US-, EU-, or UK-style connectors are available. To view our selection of other cable types, please use the links to the right.

#### Cables and Cords Selection Guide

BNC Cables	Banana Cables
SMC Cables	Stepper Motor Cables
SMA Cables	Piezo Cables
USB Cables	Detector Power Cords

#### Power Cords - US Plug

- ▶ Detachable Power Supply Cord
- ▶ 3 Conductor
- ▶ Rated for 10 A/125 V
- ▶ Black PVC Jacket, 18 Gauge Conductor Wire
- ▶ Cord Length: 7.5' (2.3 m)
- ▶ Sold in Packs of 5

Specifications			
Electrical		Physical	
Voltage Rating	125 V	Cord Length	7.5' (2.3 m)
Current Rating	10 A	Cord Gauge	14 AWG (2.08 mm <sup>2</sup> )
Conductor Size	18 AWG (0.82 mm <sup>2</sup> )	Flame Rating	FT2
Plug	NEMA 5-15 P, PVC	Rated Temperature	60 °C
Receptacle	IEC 320 C13, PVC	Approval	UL Listed, CSA Certified

Part Number	Description	Price	Availability
T17251	7.5' NEMA to IEC Power Cords, 110 VAC, 5 Pack	\$36.26	Today

12-Outlet Power Strip - US, EU, or UK Plugs

- ▶ 12-Outlet, Surge-Protected Power Strips
- ▶ Three Outlet Types: US, EU, or UK
- ▶ Electrically Grounded Outlets
- ▶ Cord Length: 3 m (9.8')

These 12-outlet power strips are available with US-, EU-, and UK-style outlets. Each is designed for indoor use and is housed within an impact-resistant, sturdy metal case. The units are turned on and off with a rocker switch. The power strips are fitted with clearance holes for 1/4"-20 (M6) cap screws and are shipped complete with two brackets for mounting to the rear rail of our ScienceDesks, as shown in the photo below.

Item #	HDPS12-US	HDPS12-EU	HDPS12-UK
Electrical Specifications			
Voltage Rating	125 VAC	220 to 250 VAC	250 VAC
Current Rating	15 A	16 A	13 A
Frequency	50/60 Hz		
Power Rating	1800 W	3520 W	3250 W
Full Surge Protection	3 kA for 1 µs	5 kA for 1 µs	3 kA for 1 µs
EMI / RFI Filtering	Yes		
CE Approved	Yes		
Physical Specifications			
Cord Length	3 m (9.8')		
Cord Gauge	1.5 mm <sup>2</sup> (16 AWG)		
Number of Outlets	12		
Body Material	Aluminum		
Dimensions (L x W x H)	708 x 45 x 45 mm (27.87" x 1.77" x 1.77")	802 x 46.5 x 55 mm (31.57" x 1.83" x 2.17")	803 x 45 x 45 mm (31.61" x 1.77" x 1.77")

**Attention:**  
These power strips are designed for indoor use only. These devices should not be installed in wet or damp areas exposed to moisture. They are not recommended for use with aquariums. We do not recommend plugging one HDPS12 into another HDPS12 or similar surge-protecting device.



The HDPS12-US Installed on the Rear Rail of One of Our ScienceDesks

Part Number	Description	Price	Availability
HDPS12-EU	12-Outlet, Surge-Protected Power Strip, EU Plugs	\$79.27	Lead Time
HDPS12-UK	12-Outlet, Surge-Protected Power Strip, UK Plugs	\$64.39	Lead Time
HDPS12-US	12-Outlet, Surge-Protected Power Strip, US Plugs	\$65.47	Today

24-Outlet Power Strips - US, EU, or UK Plugs

- ▶ 24-Outlet, Surge-Protected Power Strips
- ▶ Three Outlet Types: US, EU, or UK
- ▶ Electrically Grounded Outlets

These 24-outlet power strips are available with US-, EU-, and UK-style outlets. Each is designed for indoor use and is housed within an impact-resistant, sturdy metal case. The units are turned on and off using the built-in rocker switch. All power strips are fitted with clearance holes for standard 1/4"-20 or M6 cap screws.

Item #	HDPS24-US	HDPS24-EU	HDPS24-UK
Electrical Specifications			
Voltage Rating	125 VAC	220 to 250 VAC	250 VAC
Current Rating	15 A	16 A	13 A
Frequency	50/60 Hz	50 Hz	60 Hz
Power Rating	1800 W	3680 W	3120 W
Full Surge Protection	3 kA for 1 μs	1.75 kA for 8/20 μs	
EMI / RFI Filtering	Yes		
CE Approved	Yes		
Physical Specifications			
Cord Length	9.83' (3.0 m)	3 m (9.8')	
Cord Gauge	1.5 mm <sup>2</sup> (16 AWG)		
Number of Outlets	24		
Body Material	Aluminum		
Dimensions (L x W x H)	(68.27" x 2.46" x 1.77") 1734.0 x 62.5 x 45.0 mm	1717 x 67.5 x 58.0 mm (67.6" x 2.66" x 2.28")	

**Attention:**  
These power strips are designed for indoor use only. These devices should not be installed in wet or damp areas exposed to moisture. They are not recommended for use with aquariums. We do not recommend plugging one HDPS24 into another HDPS24 or similar surge-protecting device.



The HDPS24-UK Power Strip is shown installed on the front of an Optical Table Shelf. It can also be installed to the underside of the shelf.

Part Number	Description	Price	Availability
HDPS24-EU	24-Outlet, Surge-Protected Power Strip, EU Plugs	\$133.10	Today
HDPS24-UK	24-Outlet, Surge-Protected Power Strip, UK Plugs	\$133.10	Lead Time
HDPS24-US	24 Outlet, Surge-Protected Power Strip, US Plugs	\$133.10	Today

Cable Racks

- ▶ Wall Mount Cable Racks
- ▶ Store Cables Straight and Untangled
- ▶ T1508 is Ideal for Fiber Optic Patch Cables

The T1508 is a test lead holder for wires up to 0.210" (5.33 mm) in diameter and has 14 slots for cables. It is ideal for holding fiber optic patch cables.

The T2708 is a test lead holder for wires up to 0.450" (11.43 mm) in diameter and has 9 slots for cables.

The cable racks are made from cold rolled steel with a baked enamel finish. The wall mounting holes are separated by 3" (76.2 mm). Both racks are 11" (279 mm) long and extend outward from the wall by 3.5" (88.9 mm).



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Part Number	Description	Price	Availability
T1508	Wall Mount BNC, SMA, SMC, & Fiber Optic Cable Rack, 14 Slot	\$13.96	Today
T2708	Wall Mount Power Cord and Heavy-Duty Cable Rack, 9 Slot	\$14.40	Today

Magnetic Bases

These magnetic bases can be used to mount a 12- or 24-outlet power strip with the use of a #6 washer (not included). These bases allow the power strip to be mounted onto any magnetic surface, such as a stainless steel tabletop. The magnets offer a total mounting force of 52 lbs.

To use, slide an included cap screw with a #6 washer into one of the slots on the edge of the power strip. Slide the magnet over the screw threads and secure using an included nut. Repeat this process for the other three bases.

Part Number	Description	Price	Availability
SP620M	Magnetic Bases (Set of 4)	\$26.51	Today

Visit the *Power Cords and Strips* page for pricing and availability information:  
[https://www.thorlabs.com/newgrouppage9.cfm?objectgroup\\_id=2361](https://www.thorlabs.com/newgrouppage9.cfm?objectgroup_id=2361)

