

56 Sparta Avenue • Newton, New Jersey 07860
 (973) 300-3000 Sales • (973) 300-3600 Fax
 www.thorlabs.com



SP620 - OCT 4, 2019

Item # SP620 was discontinued on OCT 4, 2019. 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

- ▶ 6-, 12-, and 24-Outlet Power Strips with US-, EU-, and UK-Style Connectors
- ▶ Power Cords with US-Style Connectors
- ▶ Cable Racks

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



SP620
 6-Outlet Surge-Protected
 Power Strip with US-Style
 (110 VAC) Connectors



T17251
 US-Style (110 VAC)
 Power Cord



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, we offer a 6-outlet power strip with US-style connectors as well as both 12- and 24-outlet power strips with your choice of US-, EU-, or UK-style connectors. 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 ²) |
| Conductor Size | 18 AWG (0.82 mm ²) | 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 |

6-Outlet Power Strip - US Plugs

- ▶ 6-Outlet, Surge-Protected Power Strip
- ▶ Durable Industrial Metal Housing
- ▶ Electrically Grounded Outlets
- ▶ Cord Length: 6' (1.82 m)
- ▶ Compatible with Magnetic Bases for Mounting (Sold Separately)

This surge-protected power strip is rated for 15 A / 120 V / 1800 W at 60 Hz and has a 6' (1.82 m) long 14/3 SJT power cord. Two of the six outlets are spaced for use with power adapters. All six of the outlets have safety covers for additional protection. The underside of the durable industrial metal housing has four slotted key holes for hanging or mounting.

Attention: This power strip is designed for indoor use only. It should not be installed or used in wet or damp areas exposed to moisture, such as aquariums. This device must be properly connected to a grounded three-prong receptacle. Do not plug the SP620 into another SP620 or similar surge-protecting device.



Click to Enlarge One SP620M Secured on the Underside of the SP620 Power Strip



Click to Enlarge SP620 Mounted Under an Optical Table with the SP620M Magnetic Bases

Optional Magnetic Bases

Thorlabs also offers magnetic bases (Item # SP620M, sold in packs of 4) that can be secured to the underside of the power strip. These bases allow the power strip to be mounted onto any magnetic surface, such as a stainless steel tabletop, and offer a total mounting force of 52 lbs.

To use, slide an included cap screw, threads up, into one of the slots on the underside of the power strip. With the nut facing away from the power strip, thread the base onto the screw. Repeat this process for the remaining three bases.

| SP620 Specifications | |
|--------------------------------------|---|
| Electrical | |
| Voltage Rating | 120 VAC |
| Current Rating | 15 A |
| Frequency | 60 Hz |
| Power Rating | 1800 W |
| Full Surge Protection | 450 J |
| EMI / RFI Filtering | Yes |
| UL Listed (C and US) | Surge Protective Device 6G99 |
| Physical | |
| Cord Length | 6' (1.82 m) |
| Cord Gauge | 14 AWG (2.08 mm ²) |
| Plug Orientation | Right Angle |
| Number of Outlets | 6 |
| Number of Transformer-Spaced Outlets | 2 |
| Dimensions | 11.65" x 2.2" x 1.36" (29.59 cm x 5.59 cm x 3.45 cm) |

| Part Number | Description | Price | Availability |
|-------------|--|---------|--------------|
| SP620 | 6-Outlet, Surge-Protected Power Strip | \$33.00 | Lead Time |
| SP620M | Magnetic Power Strip Mounts (Set of 4) | \$26.51 | 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 μ s | 5 kA for 1 μ s | 3 kA for 1 μ s |
| EMI / RFI Filtering | Yes | | |
| CE Approved | Yes | | |
| Physical Specifications | | | |
| Cord Length | 3 m (9.8') | | |
| Cord Gauge | 1.5 mm ² (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 μ s | 1.75 kA for 8/20 μ s | |
| 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 ² (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 | Lead Time |
| 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).



[Click to Enlarge](#)

| 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 |

Visit the *Power Cords and Strips* page for pricing and availability information:

https://www.thorlabs.com/newgroupage9.cfm?objectgroup_id=2361