

Medical Grade Power Strip Specification Document

APPLICATION

Medical grade power strips are designed specifically for use in health care facilities. For a power strip to qualify as “medical grade,” it must:

- Be used with medical equipment inside Patient Care Areas (as defined by the NEC Article 517)
- Conform to Safety Standard UL 60601-1 or UL 1363A
- Have receptacle covers that can only be opened with the use of a tool
- Feature hospital grade plugs and receptacles
- Have an enclosure leakage current that does not exceed 0.1 mA in normal condition
- Be permanently mounted to moveable equipment
- Not have a manual on/off switch

SPECIFICATION

The medical grade power strip shall be in compliance with:

- NFPA 99 – Health Care Facilities Code
- NFPA 70 (National Electric Code) Article 517 – Health Care Facilities
- UL 60601-1 – Medical Electrical Equipment, Part 1: General Requirements for Safety
- UL 60950-1 – Information Technology Equipment – Safety, Part 1: General Requirements
- UL 1363A – Special Purpose Relocatable Power Taps
- UL 1449 – Surge Protective Devices (for surge protective units)



Additionally, the medical grade power strip shall be able to be used in all types of Patient Care Rooms, both within and beyond the Patient Care Vicinity, as defined by NEC Article 517. It shall have the following design considerations and features:

- Optional surge protection to protect against damaging voltage transients
- Optional load monitoring technology to improve NFPA 99 code compliance
- Heavy duty steel construction to withstand demanding environments
- Built-in overload protection to shut off the strip in case of excess power draw
- Splash-resistant locking safety covers to protect from incidental contact with unused outlets
- Ability to accommodate surface mounting and IV pole mounting
- Availability in 2, 4, or 6 outlet configurations in 15 or 20 Amp



CODE COMPLIANT & SAFETY ENSURED

Explore Leviton's entire offering of medical grade power strips

Medical Grade Power Strips

WITH

Load Monitoring

Inform™ Technology

NFPA 99 Article 10.2.3.6 mandates:

The sum of the ampacity of all appliances connected to the outlets **does not exceed 75 percent** of the ampacity of the flexible cord supplying the outlets.

Inform™ monitors the load of connected devices so that you don't have to, eliminating the need for manual calculations. **When the NFPA 99 limit (75%) has been exceeded, a line-of-sight LED indication will activate.**



SEE THE LOAD MONITORING INFORM™ TECHNOLOGY IN ACTION



PHYSICAL SPECIFICATIONS

MATERIALS:	<p>Line Cord: #14/3 SJT (15 A models) or #12/3 SJT (20 A models)</p> <p>Enclosure: Powder Coated Steel (18 ga)</p> <p>Outlet Covers: Polypropylene</p>
PHYSICAL SPECIFICATIONS:	<p>Hospital Grade Plug Configuration: NEMA 5-15P or NEMA 5-20P</p> <p>Hospital Grade Outlet Configuration: NEMA 5-15R or NEMA 5-20R</p>
ENVIRONMENTAL CONDITIONS:	<p>Operating Temperature: 0°C to +40°C</p>

WARRANTY INFORMATION

5-YEAR LIMITED WARRANTY

COUNTRY OF ORIGIN

Mexico

ORDERING INFORMATION

Stock Configurations	Current Rating	AC Power Cord Length	2 Outlet	4 Outlet	6 Outlet
Medical Grade Power Strips	15 A (12 A max continuous load)	7 Feet	5302M-1N7	5304M-1N7	5306M-1N7
		15 Feet	5302M-1N5	5304M-1N5	5306M-1N5
	20 A (16 A max continuous load)	7 Feet	5302M-2N7	5304M-2N7	5306M-2N7
		15 Feet	5302M-2N5	5304M-2N5	5306M-2N5
Surge Protective Medical Grade Power Strips	15 A (12 A max continuous load)	7 Feet	5302M-1S7	5304M-1S7	5306M-1S7
		15 Feet	5302M-1S5	5304M-1S5	5306M-1S5
	20 A (16 A max continuous load)	7 Feet	5302M-2S7	5304M-2S7	5306M-2S7
		15 Feet	5302M-2S5	5304M-2S5	5306M-2S5
 Medical Grade Power Strips with Load Monitoring Inform™ Technology	15 A (12 A max continuous load)	7 Feet	—	53C4M-1N7	53C6M-1N7
		15 Feet	—	53C4M-1N5	53C6M-1N5
	20 A (16 A max continuous load)	7 Feet	—	53C4M-2N7	53C6M-2N7
		15 Feet	—	53C4M-2N5	53C6M-2N5
 Surge Protective Medical Grade Power Strips with Load Monitoring Inform™ Technology	15 A (12 A max continuous load)	7 Feet	—	53C4M-1S7	53C6M-1S7
		15 Feet	—	53C4M-1S5	53C6M-1S5
	20 A (16 A max continuous load)	7 Feet	—	53C4M-2S7	53C6M-2S7
		15 Feet	—	53C4M-2S5	53C6M-2S5

All strips available with flying leads - contact your Leviton sales representative for details.

ADDITIONAL ACCESSORIES

Replacement Outlet Covers
Each will convert two outlets
5300M-CVR

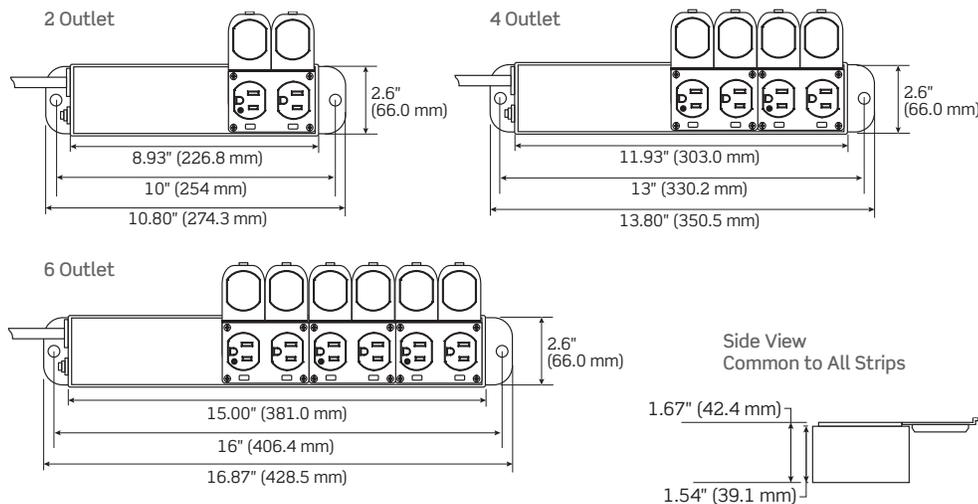


Mounting Bracket
Includes top and bottom mounting mechanisms
5300M-BKT

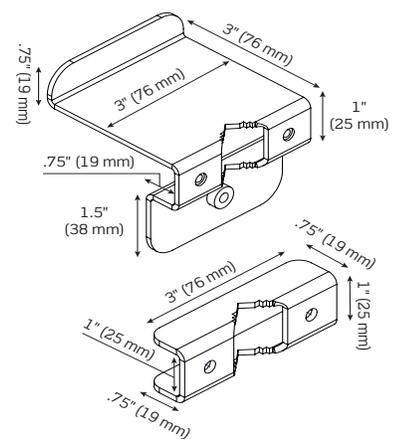


DIMENSIONS

Medical Grade Power Strips



Mounting Bracket



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