20A Rackmount PDU | Front or Rear 5-20R Outlets *1589-RF-RR Series*

20A | Single-Phase 125V | Front, Rear or Dual-Sided Outlets





Key Features and Benefits

- 20A single-phase power distribution supports higher-current IT, networking, AV, telecom, test, and industrial equipment.
- Available with 6, 8, or 12 NEMA 5-20R outlets to match equipment density and rack power requirements.
- Front-facing, rear-facing, or combined front-and-rear outlet configurations support different equipment layouts and cable-management strategies.
- Available with 6 ft or 15 ft heavy-duty power cords for flexible connection to facility power.
- Choice of NEMA 5-20P straight-blade or NEMA L5-20P locking plugs accommodates different branch-circuit connections.
- Select models include a digital ammeter for convenient monitoring of connected current load.
- Available with either an illuminated on/off switch or power indicator for clear visual indication of operating status.
- Integrated circuit breaker helps protect against accidental electrical overload.
- Compact 1U horizontal design mounts directly into standard 19-inch racks and cabinets.
- Manufactured in North America for consistent quality and dependable supply.

Specifications and Compliance

- Heavy-duty NEMA 5-20R receptacles rated for 20A, 125VAC and compatible with both NEMA 5-15P and 5-20P equipment plugs.
- 12/3 SJT power cord construction.
- Rated 20A, 125VAC.
- Operating temperature range: -20°C to +60°C.
- Metered models feature a 0.37 in. high red LED digital ammeter with ±0.1A accuracy.
- Shielded-cord models use aluminum Mylar foil shielding with 100% coverage and a 20-gauge drain wire.
- UL/cUL recognized to UL 1363 and CSA C22.2 No. 308-14 under UL File E166039.
- Textured RAL9005 black powder coat finish meets applicable GREENGUARD indoor air quality and RoHS requirements.
- TAA compliant for applicable U.S. federal procurement.

The Hammond 1589-RF-RR Series is a heavy-duty 20A rackmount PDU designed to provide flexible power distribution for IT, networking, AV, telecom, test, and other rack-mounted equipment. Available with front-, rear-, or dual-sided outlet configurations, the series makes it easier to position power where equipment connections are located and maintain organized rack cabling. Multiple outlet counts, cord lengths, and straight-blade or locking plug options allow the PDU to be matched to the installation. Select models add digital current metering or shielded power cords for applications requiring improved load visibility or reduced electrical interference.

When Another Product May Be a Better Choice

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- Need standard 15A power distribution instead of a 20A circuit? Choose the Hammond **1582** Series.
- Need individually switched outlets for equipment-level power control? Choose the Hammond **1583-9W** Series.
- Need IEC C13 outlets for equipment using international IEC power connections? Choose the Hammond **1582E** Series.

Plug types



5-15P Straight Blade



L5-15P Locking Type

Accessories

- Hardware for Rack Mounting Solutions
- Rack Rail Depth Adapter Kit 4 Inch Rack Equipment Offset Bracket

On/Off Switch Part No.	Illuminated Power Indicator Part No.	Overall Dimensions			Number of Outlets		NEMA Type		Cord Length	Plug Blade Type	Amp Metered	Surge Protected	Shielded Cord
		Height	Width	Depth	Front	Rear	Outlet	Plug					
1589H6C1B KRF	1589T6C1B KRF	1.72	19.00	2.66	6	0	5-20R	L5-20P	6 ft	Locking	No	No	No
1589H6D1B KRF	1589T6D1B KRF	1.72	19.00	2.66	6	0	5-20R	L5-20P	15 ft	Locking	No	No	No
1589H6F1B KRF	1589T6F1B KRF	1.72	19.00	2.66	6	0	5-20R	5-20P	6 ft	Straight	No	No	No
1589H6F1B KRFAM	1589T6F1B KRFAM	1.72	19.00	2.66	6	0	5-20R	5-20P	6 ft	Straight	Yes	No	No
1589H6G1B KRF	1589T6G1B KRF	1.72	19.00	2.66	6	0	5-20R	5-20P	15 ft	Straight	No	No	No
1589H8C1B KRF	1589T8C1B KRF	1.72	19.00	2.66	8	0	5-20R	L5-20P	6 ft	Locking	No	No	No
1589H8D1B KRF	1589T8D1B KRF	1.72	19.00	2.66	8	0	5-20R	L5-20P	15 ft	Locking	No	No	No
1589H8F1B KRF	1589T8F1B KRF	1.72	19.00	2.66	8	0	5-20R	5-20P	6 ft	Straight	No	No	No
1589H8G1B KRF	1589T8G1B KRF	1.72	19.00	2.66	8	0	5-20R	5-20P	15 ft	Straight	No	No	No
1589H6C1B KRR	1589T6C1B KRR	1.72	19.00	2.66	0	6	5-20R	L5-20P	6 ft	Locking	No	No	No
1589H6C1B KRRAM	1589T6C1B KRRAM	1.72	19.00	2.66	0	6	5-20R	L5-20P	6 ft	Locking	Yes	No	No
1589H6D1B KRR	1589T6D1B KRR	1.72	19.00	2.66	0	6	5-20R	L5-20P	15 ft	Locking	No	No	No
1589H6F1B KRR	1589T6F1B KRR	1.72	19.00	2.66	0	6	5-20R	5-20P	6 ft	Straight	No	No	No
1589H6F1B KRRAM	1589T6F1B KRRAM	1.72	19.00	2.66	0	6	5-20R	5-20P	6 ft	Straight	Yes	No	No
1589H6G1B KRR	1589T6G1B KRR	1.72	19.00	2.66	0	6	5-20R	5-20P	15 ft	Straight	No	No	No
	1589T8C1B KRR	1.72	19.00	2.66	0	8	5-20R	L5-20P	6 ft	Locking	No	No	No
1589H8D1B KRR	1589T8D1B KRR	1.72	19.00	2.66	0	8	5-20R	L5-20P	15 ft	Locking	No	No	No
1589H8D1B KRRV		1.72	19.00	2.66	0	8	5-20R	L5-20P	15 ft	Locking	No	No	Yes

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On/Off Switch Part No.	Illuminated Power Indicator Part No.	Overall Dimensions			Number of Outlets		NEMA Type		Cord Length	Plug Blade Type	Amp Metered	Surge Protected	Shielded Cord
		Height	Width	Depth	Front	Rear	Outlet	Plug					
1589H8F1B KRR	1589T8F1B KRR	1.72	19.00	2.66	0	8	5-20R	5-20P	6 ft	Straight	No	No	No
1589H8G1B KRR	1589T8G1B KRR	1.72	19.00	2.66	0	8	5-20R	5-20P	15 ft	Straight	No	No	No
1589H8G1B KRRV		1.72	19.00	2.66	0	8	5-20R	5-20P	15 ft	Straight	No	No	Yes
1589H12F1 BKX	1589T12F1B KX	1.72	19.00	2.66	6	6	5-20R	5-20P	6 ft	Straight	No	No	No
1589H12G1 BKX	1589T12G1 BKX	1.72	19.00	2.66	6	6	5-20R	5-20P	15 ft	Straight	No	No	No

Where It Works Best

- Network and telecommunications racks
- Server and equipment cabinets
- IT and communications rooms
- AV and broadcast racks
- Test and measurement systems
- Laboratory and engineering environments
- Industrial control and automation racks
- OEM equipment installations

Best Applications

- Distributing 20A branch power within 19-inch equipment racks.
- Powering equipment with NEMA 5-15P or 5-20P plugs.
- Positioning power connections at the front or rear of the rack.
- Monitoring rack current load with select metered models.
- Reducing electrical interference with select shielded-cord models.
- Providing additional outlet capacity for equipment-dense racks.

Tags: **20A rack PDU**, **20 amp power strip**, **5-20R PDU**, **rackmount power distribution unit**, **1U PDU**, **server rack power strip**, **network rack PDU**, **locking plug PDU**, **metered rack PDU**, **rack power distribution**

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