

HPE Basic Power Distribution Units

Simple to install, reliable, and cost-effective



Features

- Low profile, one-piece design with 0U/1U horizontal form factors
- Models ranging from 1.9 kVA to 22 kVA
- 24, 36, 42U vertical form factors with flexible mounting options
- Industry-standard, drop-in button and keyhole mounting
- Flexible design that doesn't interfere with rear maintenance zone
- Easily accessible outlet receptacles and improved cable management
- Simple, flexible installation options

With servers, storage, and networking configurations likely taking up the bulk of your data center planning time, you want to be able to just pick a power distribution unit (PDU) that fits your power and budget needs, without spending a lot of time stressing over the details. But with so much riding on your choice, you need to be sure that the PDU you pick also offers the utmost in reliability.

It's "back to basics" with HPE Basic PDUs—they're built, designed, and optimized with a focus on simplicity and adherence to fundamental principles. HPE Basic PDUs are designed for simple installation, reliability, and cost-effective power distribution. They are an entry-level line of rack-mount power distribution products for cost-sensitive environments where power monitoring and advanced power control features are not required. These PDUs are available in a variety of form factors and outlet configurations to meet the needs of today's high-density data center rack environments.

HPE Basic PDUs provide effective power distribution, supporting from 12 to 42 outlet receptacles and power levels ranging from 1.9 kVA to 22 kVA. The low-profile single piece design on these PDUs provides ease of access to rear devices for maintenance consideration and multiple mounting options. They are designed for HPE racks but will work in a large variety of third-party racks as well. They can be installed on either side of the rack with outlets facing the back for easy access and improved clearance. In addition, for higher power density they can be installed side by side on both sides of the rack with the outlets facing in toward the center of the rack.

Key features and benefits

Install easily and quickly

- Get simple drop-in installation, within seconds, into HPE Advanced Series Racks and many third-party racks using industry-standard button and keyhole mounting for tool-less mounting on vertical models.
- Circumvent time-consuming multiple component installation, and avoid extra cabling between core and sticks.

Get flexible installation with multiple models

- Choose from four form factors for a variety of racks and environments.
- Mount HPE Basic PDUs to stay completely out of the critical rear maintenance zone needed to service IT equipment by using standard mounting facing the outlet toward the rear of the rack.

Leverage the flexibility of multiple mounting options

- Mount vertically on either side in the rear of the rack using industry-standard button and keyhole mounting.
- Mount with the outlets facing into the rack, to mount multiple PDUs on one side of the rack for higher power density.

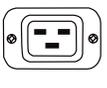
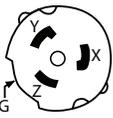
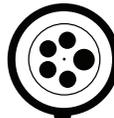
Choose from several form factors

- 1U/OU Basic PDU
 - Mount in 1U of space in any EIA standard rack, or mount in the side of an HPE rack for OU mounting; available in either a low-voltage model with 12 NEMA 5-20 receptacles or a high-voltage model with 12 IEC C13 outlets.
- Half-height Basic PDU
 - Designed to fit in 22U and taller racks, mount up to four half-height PDUs in one side of a 42U or 47U rack using the optional inward-facing configuration; available in low-voltage and three-phase models with up to 20 outlets.
- Mid-height Basic PDU
 - Designed for 36U and taller racks; available in high-voltage and three-phase models with a combination of C13 and C19 outlets for up to 36 outlets; new three-phase dual voltage models provide three NEMA 5-20 convenience outlets for low-voltage equipment in a high-voltage rack.
- Full-height Basic PDU
 - Designed for 42U and taller racks; available in three phase only with 36 x C13 and 6 x C19 for a total of 42 outlets.
- 480 V Basic PDU
 - Get 277 V single-phase output with 480 V three-phase 5-wire input; prevent connection of non-277 V compatible equipment with unique outlets; available in a 15-outlet half-height and a 30-outlet full-height model.

HPE Basic PDU technical specifications

PART NUMBER	REGION	FORM FACTOR	VA RATING	INPUT CIRCUIT	INPUT PLUG	OUTLETS
100–120 V input single-phase						
H5M55A	NA/JPN	Vertical, 0U	2.8 kVA	100–120 V, 24 A	NEMA L5-30P	18 x NEMA 5-20R
H5M54A	NA/JPN	Horizontal, 1U/0U	1.9 kVA	120 V, 16 A	NEMA L5-20P	12 x NEMA 5-20R
252663-D71	NA/JPN	Modular, 1U/0U	2.8kVA	100–125 V, 24 A	NEMA L5-30P	4 x IEC C19
H5M56A	WW	Horizontal, 1U/0U	3.6 kVA	200–240 V, 16 A	IEC 60320-C20 (detachable)	12 x IEC C13
H5M57A	WW	Vertical, 0U	3.6 kVA	200–240 V, 16 A	IEC 60320-C20 (detachable)	20 x IEC C13
H5M58A	NA/JPN	Vertical, 0U	4.9 kVA	200–208 V, 24 A	NEMA L6-30P	20 x IEC C13
H5M59A	NA/JPN	Vertical, 0U	4.9 kVA	200–240 V, 24 A	NEMA L6-30P	24 x IEC C13, 6 x IEC C19
H5M60A	NA	Vertical	8.3 kVA	200–208 V, 40 A	CS8265C	30 x IEC C13, 6 x IEC C19
H5M68A	INTL	Vertical, 0U	7.3 kVA	200–240 V, 32 A	IEC 60309 32A 3-wire	20 x IEC C13
H5M70A	INTL	Vertical, 0U	7.3 kVA	200–240 V, 32 A	IEC 60309 32A 3-wire	24 x IEC C13, 6 x IEC C19
H5M71A	INTL	Vertical, 0U	11 kVA	200–240 V, 48 A	IEC 60309 63A 3-wire	30 x IEC C13, 6 x IEC C19
H5M75A	WW	Vertical, 0U	9.2 kVA max	200–240 V, 40 A	50A terminal block	30 x IEC C13, 6 x IEC C19
252663-B21	WW	Modular, 1U/0U	9.2 kVA	200–240 V, 40 A	Terminal block	4 x IEC C19
252663-B24	WW	Modular, 1U/0U	3.6 kVA	200–240 V, 16 A	IEC 60320 C20 (detachable)	2 x IEC C19
252663-B31	INTL	Modular, 1U/0U	7.3 kVA	200–240 V, 32 A	IEC 60309 32A 3-wire	4 x IEC C19
252663-B32	INTL	Modular, 1U/0U	9.2 kVA	200–240 V, 40 A	IEC 60309 63A 3-wire	4 x IEC C19
252663-B33	INTL	Modular, 1U/0U	7.3 kVA	200–240 V, 32 A	IEC 60309 32A 3-wire	4 x IEC C19
252663-B34	INTL	Modular, 1U/0U	9.2 kVA	200–240 V, 40 A	IEC 60309 63A 3-wire	4 x IEC C19
252663-D72	NA/JPN	Modular, 1U/0U	4.9 kVA	200–240 V, 24 A	NEMA L5-30P	4 x IEC C19
252663-D73	NA/JPN	Modular, 1U/0U	8.3 kVA	200–240 V, 40 A	CS8265C	4 x IEC C19
252663-D74	NA/JPN	Modular, 1U/0U	4.9 kVA	200–240 V, 24A	NEMA L6-30P	4 x IEC C19
252663-D75	NA/JPN	Modular, 1U/0U	8.3 kVA	200–240 V, 40 A	CS8265C	4 x IEC C19
208 V input three-phase						
H5M61A	NA/JPN	Vertical, 0U	8.6 kVA	200–208 V, 24 A 3-phase delta	NEMA L15-30P	18 x IEC C13
H5M62A	NA/JPN	Vertical, 0U	8.6 kVA	200–208 V, 24 A 3-phase delta	NEMA L15-30P	24 x IEC C13, 6 x IEC C19
H5M63A	NA/JPN	Vertical, 0U	5.7 kVA (dual voltage)	100–120 V, 16 A 200–208 V, 16 A 3-phase WYE	NEMA L21-20P	24 x IEC C13, 3 x NEMA 5-20R
H5M64A	NA/JPN	Vertical, 0U	8.6 kVA (dual voltage)	10–120 V, 24 A 200–208 V, 24 A 3-phase WYE	NEMA L21-30P	24 x IEC C13, 3 x IEC C19, 3 x NEMA 5-20R
208 V input three-phase						
AF511A	NA/JPN	Modular, 1U/0U	17.3kVA	200–208 V, 48 A 3-Phase Delta	IEC 60309 60A 4-wire watertight	6 x IEC C19
AF512A	NA/JPN	Modular, 1U/0U	8.6kVA	200–208 V, 24 A 3-Phase Delta	NEMA L15-30P	6 x IEC C19
AF519A	NA/JPN	Modular, 1U/0U	14.4kVA	200–208 V, 40 A 3-Phase Delta	CS8365C	6 x IEC C19
400–415 V three-phase						
H5M67A	NA	Vertical, 0U	11 kVA	380–415 V, 30 A 3-phase WYE	IEC 60309 30A 5-wire	36 x IEC C13, 6 x IEC C19
H5M72A	INTL	Vertical, 0U	11 kVA	200–240 V, 16 A 380–415 V, 16 A 3-phase WYE	IEC 60309 16A 5-wire	24 x IEC C13, 6 x IEC C19
H5M73A	INTL	Vertical, 0U	11 kVA	200–240 V, 16 A 380–415 V, 16 A 3-phase WYE	IEC 60309 16A 5-wire	36 x IEC C13, 6 x IEC C19
AF513A	INTL	Modular, 1U/0U	11kVA	200–240 V, 16 A 380–415 V, 16 A 3-Phase WYE	IEC 60309 16A 5-wire	6 x IEC C19
AF518A	INTL	Modular, 1U/0U	22kVA	200–240V, 32 A 346–415V, 32 A 3-Phase WYE	IEC 60309 32A 5-wire	6 x IEC C19
Basic PDU extension bar						
AF500A	HPE two C-13 PDU extension bars; each extension bar has one C19 input and seven C13 receptacles					

HPE connector chart

VOLTAGE	100–125 V SINGLE-PHASE		200–240 V SINGLE-PHASE				
Amps	20 A	30 A	20 A	20 A	30 A	32 A	20 A
# Wires	3	3	3	3	3	3	5
Plug name	NEMA L5-20P	NEMA L5-30P	IEC C20	NEMA L6-20P	NEMA L6-30P	IEC 309 32 A, 2-pole, 3-wire	
Sample plug image							
VOLTAGE	208 V THREE-PHASE			400–415 V THREE-PHASE			
Amps	16 A	30 A	50 A	60 A	32 A		
# Wires	5	5	4	4	5		
Plug name	IEC 309 16 A, 3-pole, 5-wire		NEMA L21-30P	CS8365C	IEC 309 60A, 4-wire		IEC 309 32 A
Sample plug image							

Protect Your Investment

Hewlett Packard Enterprise warranty

HPE Basic PDUs are backed by a limited 3-year warranty, and automatically assume the HPE support coverage level of any covered HPE ProLiant server in the same rack.

Hewlett Packard Enterprise support services

Today's IT environment is complex, and administrators are pulled in many directions. With Hewlett Packard Enterprise Foundation Care, you can simplify your day-to-day system support experience. Meet your availability commitments with a variety of coverage levels and response times, connect to Hewlett Packard Enterprise for faster problem resolution, and get back to business.

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