HP Basic Power Distribution Units (PDU)

Product overview

It's "back to basics" with HP Basic Power Distribution Units (PDU)—they're HP built, HP designed, and HP optimized, stressing simplicity and adherence to fundamental principles. HP Basic PDUs are designed for simple installation, reliability, and cost-effective power distribution. They provide an entry-level line of rack-mount power distribution products for cost-sensitive environments where power monitoring and advance 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.

HP Basic PDUs provide effective power distribution, supporting from 12 to 42 outlet receptacles and power levels ranging from 1.9 kVA to 19.9 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 HP 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.

What's new?

The HP Basic PDU is now available with the following exciting new features:

• New one-piece design with 1U/0U and three vertical sizes

• Industry-standard, drop-in button and keyhole mounting

• Ultrathin design that doesn't interfere with rear maintenance zone

• Easily accessible outlet receptacles and improved cable management

• Models ranging from 1.9 kVA to 19.9 kVA

• Vertical form factors with flexible mounting options

• Simple, flexible installation options

Key features and benefits

Install easily and quickly

• Simple, quick drop-in installation: Get simple drop-in installation, within seconds, into HP Intelligent Series Racks and many third-party racks using industry-standard button and keyhole mounting for tool-less mounting on vertical models.

• Replaces modular PDUs: Circumvent time-consuming multiple component installation by not having to use modular PDUs, and avoid extra cabling between core and sticks.

Get flexible installation with multiple models

• Available in four form factors: Choose from four form factors for a variety of racks and environments.

• Maintain the "keep-out" zone: Mount HP 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 multiple, flexible mounting options

• Choose from left or right side: Mount vertically on either side in the rear of the rack using industry-standard button and keyhole mounting.

• Mount multiple PDUs: Use the optional configuration of facing the outlets into the rack to mount multiple PDUs on one side of the rack for higher power density.

Choose from several form factors

• 1U/0U Basic PDU: Mount in 1U of space in any EIA standard rack, and also mount in the side of an HP rack for 0U 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 6x 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.

Model matrix

North America/Japan models

Part number	VA rating	Form factor	Input circuit	Input plug	Outlets
H5M54A	1.9 kVA	1U/0U	120 V, 20 A	NEMA L5-20	12 x NEMA 5-20
H5M55A	2.8 kVA	Half height	120 V, 30 A	NEMA L5-30	18 x NEMA 5-20
H5M58A	4.9 kVA	Half height	200–208 V, 30 A	NEMA L6-30	20 x C13
H5M59A	4.9 kVA	Mid height	200–208 V, 30 A	NEMA L6-30	24 x C13 , 6 x C19
H5M60A	8.3 kVA	Mid height	200–208 V, 50 A	CS8265C	30 x C13, 6 x C19
H5M63A	5.7 kVA	Mid height	200–208 V, 20 A 3πη wye	NEMA L21-20	24 x C13, 3 x NEMA 5-20 (120 V)
H5M64A	8.6 kVA	Mid height	200–208 V, 30 A 3πη wye	NEMA L21-30	24 x C13, 3 x C19, 3 x NEMA 5-20 (120 V)
H5M61A	8.6 kVA	Mid height	200–208 V, 30 A 3πη delta	NEMA L15-30	18 x C13
H5M62A	8.6 kVA	Half height	200–208 V, 30 A 3πη delta	NEMA L15-31	24 x C13 , 6 x C19
H5M67A	11 kVA	Mid height	380–415 V, 30 A 3πη wye	IEC 530P6	36 x C13, 6 x C19
H3X07A	13.2 kVA	Half height	480 V, 30 A 3πη wye	IEC 530P7W	15 x LS-26
H3X08A	19.9 kVA	Full height	480 V, 30 A 3πη wye	IEC 530P7W	30 x LS-26

Worldwide models

Part number	VA rating	Form factor	Input circuit	Input plug	Outlets
H5M56A	3.6 kVA	1U/0U	200–240 V, 16 A	IEC C20	12 x C13
H5M57A	3.6 kVA	Half height	200–240 V, 16 A	IEC C20	20 x C13
H5M75A	9.2 kVA max	Mid height	200–240 V, up to 40 A	Terminal block	30 x C13, 6 x C19

International models

Part number	VA rating	Form factor	Input circuit	Input plug	Outlets
H5M68A	7.3 kVA	Half height	200–240 V, 32 A	IEC 332P6	20 x C13
H5M70A	7.3 kVA	Mid height	200–240 V, 32 A	IEC 332P6	24 x C13 , 6 x C19
H5M71A	11 kVA	Mid height	200–240 V, 63 A	IEC 363P6	30 x C13, 6 x C19
H5M72A	11 kVA	Mid height	380–415 V, 16 A 3πη wye	IEC 516P6	24 x C13 , 6 x C19
H5M73A	11 kVA	Full height	380–415 V, 16 A 3πη wye	IEC 516P6	36 x C13, 6 x C19

End-of-life management and recycling

HP offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please visit hp.com/go/green. To recycle your product, please go to hp.com/go/green or contact your nearest HP sales office. Products returned to HP will be recycled, recovered, or disposed of in a responsible manner.

The EU WEEE Directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the HP website at hp.com/go/green. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

HP warranty

HP Basic PDUs are backed by a limited 3-year warranty. HP Basic PDUs automatically assume the HP Care Pack coverage level of any covered HP ProLiant server in the same rack.

HP Care Pack services
HP Care Pack services provide a range of lifecycle support options that let you choose the service levels that meet your business requirements, from basic to mission critical. A full range of HP Care Pack hardware and software services are available, including:

- Installation and startup
- Education courses
- Extended onsite hardware coverage hours from same business day 13 hours, 5 day to 24 hours, 7 days call window with options including 4-hour response, or 6-hour Call To Repair
- A comprehensive range of software technical support for Microsoft®, Linux, ProLiant Essentials, and VMware-based IT solutions that help deliver high levels of application availability; response times range from 30 minutes for critical problems to two hours
- System Management, Performance Services, and Mission Critical Support Solution

Find out more
For more information on HP Care Pack services, contact any of our worldwide sales offices or resellers or visit our website at hp.com/hps/carepack.

For more complete information on HP Services offerings, customers, and resellers, please visit hp.com/hps.

Additional information regarding worldwide limited warranty and technical support is available at http://h18004.www1.hp.com/products/servers/platforms/warranty/index.html.

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