Overview

HPE Standard Series G2 Basic Power Distribution Units (PDU)

Basic, reliable power distribution for your HPE IT solutions

HPE Standard Series G2 Basic PDUs are designed to work precisely with HPE Infrastructure and Compute solutions and guarantee a compatible fit for use with HPE Standard, Advanced, and Enterprise racks (and compatible with other industry-standard server racks). Built with high-temperature grade premium components, HPE G2 Basic PDUs can operate in temperatures up to 60°C over extended periods of time and provide reliable operation backed by a 5 year warranty.

HPE offers a range of PDU models with mounting options that promote flexible power configuration in racks. Vertical, Horizontal, and True 0U mounting, giving you the flexibility to efficiently utilize rack space while placing access to power where you need it most. Serviceability is further enhanced with features such as color-coded outlets and low-profile form factors allowing for simple and quick access to IT equipment and power cables in the rear of the rack.

HPE IEC Locking Power Cords are a new supported option available for HPE G2 PDUs. The IEC Locking Power Cords provide secure cable retention to both the PDU and target device against vibration during shipping and ensuring that cables are not dislodged during a service event. HPE's IEC Locking Power Cords provide a safe and secure solution against the common issues that lead to power-related downtime.

Why HPE Basic PDUs?

All HPE G2 Basic PDUs are rated for operating temperatures up to 60°C (or 140°F).

- Low-profile PDU form factors providing enhanced IT serviceability in the back of the rack while adhering to the rack keep out zone.
- HPE G2 PDUs with IEC C19 and C13 receptacles have integrated cord retention.
- HPE G2 PDUs have color-coded receptacles to easily distinguish between the different load segments/phases.
- High-density vertical form factor providing 24 outlets in a half-height (22U) and 48 outlets in a full-height (42U).
- HPE offers multiple PDU form factors that promote efficient use of space in the rack and provide flexibility in mounting and configuration.
- HPE 1U Horizontal PDUs can support True 0U mounting (between the RETMA rails), minimizing the need to use valuable U space in racks for power distribution.
- Vertical HPE G2 PDUs use a button mounting system that allows for installation with outlets facing front, rear or center of rack.
- HPE guarantees 100% compatibility between its Rack and Power Infrastructure products and its industry-standard compute, storage, and networking solutions, backed with a 5-year warranty for all HPE G2 Basic PDU models.
- HPE Tech Care services purchased for server and storage products, such as extended warranties and premium support services, extend to our Basic PDU products free of charge when purchased together.

Overview

Horizontal Form Factors
1U Horizontal- P9Q47A

Top view
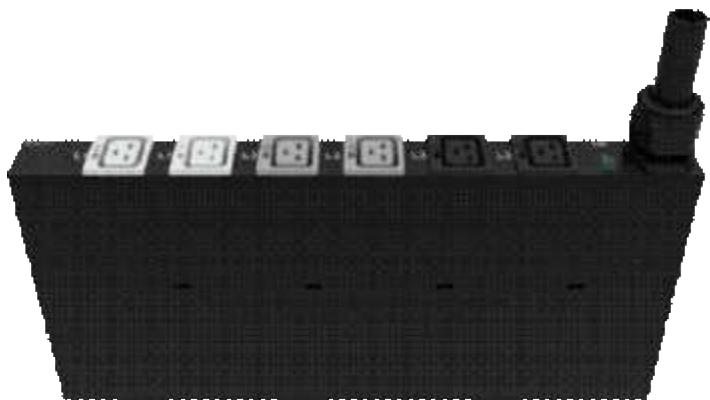
Elevated view

2U Horizontal - P9Q35A

Top view
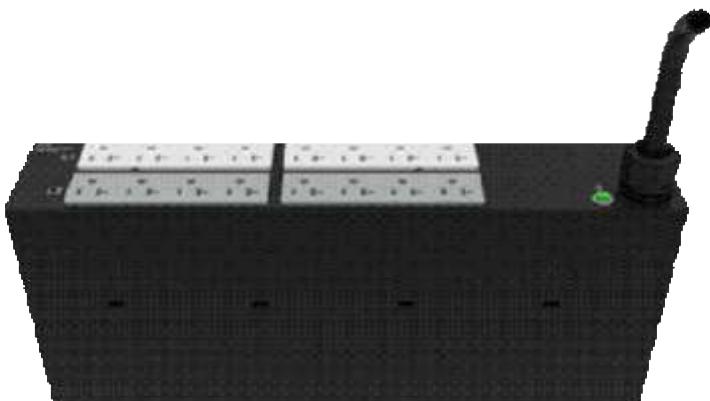
Elevated view

Vertical Form Factors
Quarter-Height - P9Q37A

Top view
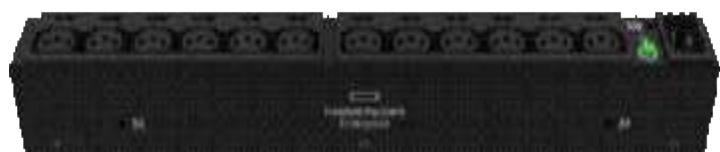
Elevated view

Half-Height - P9Q61A
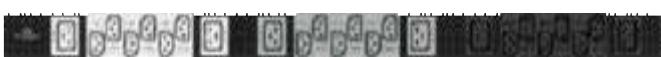
Top view

Elevated view

Overview

Mid-Height - P9Q42A

Top view


Elevated view

Full-Height - P9Q65A

Top view

Elevated view
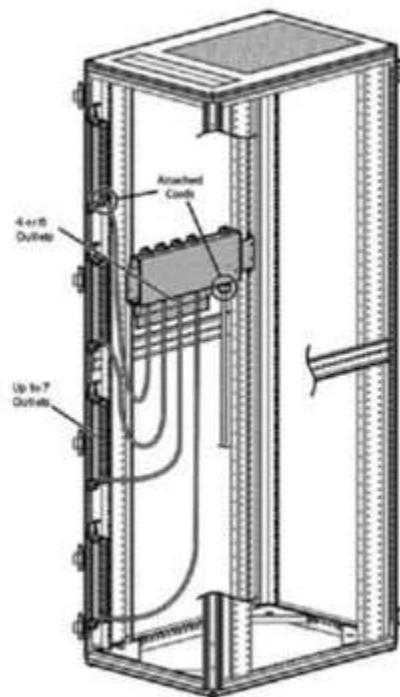
True 0U Mounting

Standard Features

Compatibility

- Designed specifically for use with HPE rack enclosures and IT solutions but can work with most 3rd party IT racks

Reliability/Durability

- 5-year warranty with free service/support upgrades matching server purchase
- High reliability at elevated operating temperature levels (up to 60°C)

Usability/Serviceability

- Wide range of mounting options including vertical, 1U/2U horizontal, and True 0U
- Modular PDU options supporting True 0U mounting between the RETMA rails of the rack
- High-density vertical power outlet configurations with up to 48 outlets on a single PDU
- Full range of single and three phase input and output power capabilities
- 1.9kVA to 22kVA power distribution to meet the needs of both small and large data centers
- Built-in three-sided button mounting system supporting flexible installations
- Low-profile PDU form factors providing enhanced IT serviceability in the back of the rack
- Color coded receptacles and circuit breaker banks to easily identify specific outlets
- Multiple extension bar options that inexpensively expand outlet configurations

Safety/Security

- Optional dual-locking power cords that secure both power connections
- Support for integrated individual power cord retention

True 0U Mounting

All HPE Horizontal PDUs can be installed in any U position in your rack. However, HPE 1U Horizontal PDUs have a unique architecture designed specifically for data center customers who want to maximize space efficiencies in the rack. These models can be installed in the 0U space between the RETMA rails on HPE Advanced and Enterprise Series racks (see diagram below)

Modular PDU Form / Factor

HPE Basic Modular PDUs combine True 0U and 1U Horizontal mounting support with the capability of adding extension bars to expand access to power in the back of the rack. Extension Bars mount directly to the frame of the rack in multiple locations allowing you the flexibility of placing access to power where it is needed most (see diagram above). Multiple extension bar options are available to help you customize the outlet configurations you require.

HPE PDU Extension Bar / Options

HPE PDU extension bar options help expand the availability of power in the rear of the rack. Each extension bar includes a locking input power cord that connects to the PDU and supports HPE's new IEC Locking Power Cords (for C13/C14 and C19/C20 connections). HPE PDU extension bars can be added to Horizontal and Vertical PDU models with available C20 outlets for additional outlets and are compatible with previous generation PDU models that offer C20 outlets (locking feature only supported on new G2 PDU models). See the Related Options section for more information on G2 Extension Bar models.

Standard Features

High-Density Vertical / PDU Models
High-density vertical PDU models provide 24 outlets in a half-height (22U) form factor and 48 outlets in a full-height (42U) form factor. This density is achieved by placing the power receptacles on one side of the PDU and access to the circuit breakers on the opposite side without significantly impacting the height (profile) of the PDU. See the Model Matrix section for more information on high-density Vertical PDU models.

IEC Locking Power Cords
HPE G2 PDU models support optional IEC Locking Power Cords with an integrated locking technology on both ends of the cable. Locking Power Cords are available for both C13/14 and C19/20 power connections, include multiple cable length options, and can be purchased in single or six-pack kits. One IEC Locking Power Cord has been included with each PDU model that supports either a C13 and/or C19 outlet.

Color-Coded Outlets
All HPE G2 PDU models now include color-coded outlets. Highly visible from the rear of the rack, color-coding helps to easily and clearly identify outlets to simplify cabling and power phase balancing when configuring and maintaining power for your IT equipment.

Rated for High Operating Temperatures
HPE G2 PDUs are rated for operating temperatures up to 60°C (or 140°F). HPE G2 PDUs are designed with high temperature rated premium components and construction that support increased reliability levels at elevated temperatures.

5-Year Warranty
HPE G2 Basic PDU models are supported with a 5-year warranty. The HPE Tech Care Extension program provides additional support and services for your PDU models when purchased with HPE servers, storage, and networking solutions at no additional charge.

Additional information regarding worldwide limited warranty and technical support is available at:
http://h17007.www1.hpe.com/us/en/enterprise/servers/warranty/index.aspx#.V-10xE3rvbq

Standard Features

Model Matrix - Form Factor/Mounting Options

Mounting options for Horizontal 1U and 2U PDU models					
Model	W x H x D	Unit Weight	U Height	Horizontal Mounting	True 0U Mounting
P9Q31A	17.461 x 1.633 x 2.087 in	2.2 lbs.	1U	✔	✔
P9Q33A	17.461 x 1.713 x 7.772 in	9.3 lbs.	1U	✔	✔
P9Q35A	17.461 x 3.425 x 1.713 in	10.2 lbs.	2U	✔	n/a
P9Q36A	17.461 x 1.633 x 2.087 in	2.0 lbs.	1U	✔	✔
P9Q37A	17.461 x 1.633 x 2.087 in	2.2 lbs.	1U	✔	✔
P9Q39A	17.461 x 1.713 x 7.772 in	9.7 lbs.	1U	✔	✔
P9Q40A	17.461 x 1.713 x 7.772 in	10.2 lbs.	1U	✔	✔
P9Q43A	17.461 x 1.713 x 7.772 in	9.3 lbs.	1U	✔	✔
P9Q44A	17.461 x 1.713 x 7.772 in	8.7 lbs.	1U	✔	✔
P9Q47A	17.461 x 1.713 x 7.772 in	12.1 lbs.	1U	✔	✔
P9Q51A	17.461 x 1.713 x 7.772 in	12.5 lbs.	1U	✔	✔
P9Q52A	17.461 x 1.713 x 7.772 in	9.5 lbs.	1U	✔	✔
P9Q57A	17.461 x 1.633 x 2.087 in	5.1 lbs.	1U	✔	✔
P9Q59A	17.461 x 1.713 x 7.772 in	18.5 lbs.	1U	✔	✔
P9Q60A	17.461 x 1.713 x 7.772 in	19.6 lbs.	1U	✔	✔
P9Q63A	17.461 x 1.713 x 7.772 in	10.6 lbs.	1U	✔	✔

Standard Features

Mounting options for Vertical PDU models in HPE Advanced and Enterprise racks (1075mm depth)							
Model	W x H x D	Unit Weight	Vertical Height	Maximum PDUs Supported Per Side			
				22U	36U	42U	48U
P9Q31A	17.461 x 1.633 x 2.087 in	2.2 lbs.	Quarter-Height	2	2	6	6
P9Q32A	2.047 x 32.165 x 2.087 in	4.4 lbs.	Half-Height	2	2	4	4
P9Q34A	2.047 x 32.165 x 2.087 in	8.4 lbs.	Half-Height	2	2	4	4
P9Q36A	17.461 x 1.633 x 2.087 in	2.0 lbs.	Quarter-Height	2	2	6	6
P9Q37A	17.461 x 1.633 x 2.087 in	2.2 lbs.	Quarter-Height	2	2	6	6
P9Q38A	2.047 x 32.165 x 2.087 in	4.5 lbs.	Half-Height	2	2	4	4
P9Q41A	2.047 x 32.165 x 2.087 in	8.1 lbs.	Half-Height	2	2	4	4
P9Q42A	2.047 x 58.661 x 2.087 in	12.0 lbs.	Mid-Height	n/a	2	2	2
P9Q45A	2.047 x 32.165 x 2.087 in	7.4 lbs.	Half-Height	2	2	4	4
P9Q46A	2.047 x 58.661 x 2.087 in	11.1 lbs.	Mid-Height	n/a	2	2	2
P9Q48A	2.047 x 58.661 x 2.087 in	13.2 lbs.	Mid-Height	n/a	2	2	2
P9Q49A	2.047 x 58.661 x 2.087 in	10.0 lbs.	Mid-Height	n/a	2	2	2
P9Q50A	2.047 x 58.661 x 2.087 in	14.7 lbs.	Mid-Height	n/a	2	2	2
P9Q53A	2.047 x 58.661 x 2.087 in	13.5 lbs.	Mid-Height	n/a	2	2	2
P9Q54A	2.047 x 32.165 x 2.087 in	9.3 lbs.	Half-Height	n/a	2	4	4
P9Q55A	2.047 x 58.661 x 2.087 in	14.0 lbs.	Mid-Height	n/a	2	2	2
P9Q56A	2.047 x 68.898 x 2.087 in	17.4 lbs.	Full-Height	n/a	n/a	2	2
P9Q57A	17.461 x 1.633 x 2.087 in	5.1 lbs.	Quarter-Height	2	2	6	6
P9Q58A	2.047 x 58.661 x 2.087 in	9.9 lbs.	Mid-Height	n/a	2	2	2
P9Q61A*	2.047 x 36.024 x 4.409 in	21.3 lbs.	Half-Height	1	1	2	2
P9Q62A*	2.047 x 71.654 x 4.409 in	27.1 lbs.	Full-Height	n/a	n/a	1	1
P9Q64A*	2.047 x 36.024 x 4.409 in	12.3 lbs.	Half-Height	1	1	2	2
P9Q65A*	2.047 x 71.654 x 4.409 in	20.3 lbs.	Full-Height	n/a	n/a	1	1

Notes:* HPE high density model mounts on its side with outlets facing the back of the rack.

Standard Features

Model Matrix - Input Power

Notes: HPE G2 Advanced and Enterprise 1200mm deep racks include an extra set (2) of PDU trays in the rear of the rack enabling support of up to 2x the number of PDUs listed above for 1075mm deep racks.

Model	Region	Power Phase	Input Voltage Range	Input Current	Circuit Breakers	Input Plug Type	Input Cord Length
P9Q31A	NA/JP	Single	100 - 120V	16A	None	5-15P	12' (Detachable)
P9Q32A	NA/JP	Single	100 - 120V	16A	None	5-15P	12' (Detachable)
P9Q33A	NA/JP	Single	100 - 120V	24A	(2) 1-pole, 20A	L5-30P	12'
P9Q34A	NA/JP	Single	100 - 120V	24A	(2) 1-pole, 20A	L5-30P	10'
P9Q35A	NA/JP	Single	100 - 120V	24A	(2) 1-pole, 20A	L5-30P	12'
P9Q36A	WW	Single	100 - 240V	16A	None	C20 Inlet	Detachable
P9Q37A	WW	Single	100 - 240V	16A	None	C20 Inlet	Detachable
P9Q38A	WW	Single	100 - 240V	16A	None	C20 Inlet	Detachable
P9Q39A	NA/JP	Single	200 - 208V	24A	(2) 2-pole 20A	L6-30P	12'
P9Q40A	NA/JP	Single	200 - 208V	24A	(2) 2-pole 20A	L6-30P	12'
P9Q41A	NA/JP	Single	200 - 208V	24A	(2) 2-pole 20A	L6-30P	10'
P9Q42A	NA/JP	Single	200 - 208V	24A	(2) 2-pole 20A	L6-30P	10'
P9Q43A	INTL	Single	220 - 240V	32A	(2) 1-pole, 16A	IEC 32A, 1ph	12'
P9Q44A	INTL	Single	220 - 240V	32A	(2) 1-pole, 16A	IEC 32A, 1ph	12'
P9Q45A	INTL	Single	220 - 240V	32A	(2) 1-pole, 16A	IEC 32A, 1ph	10'
P9Q46A	INTL	Single	220 - 240V	32A	(2) 1-pole, 16A	IEC 32A, 1ph	10'
P9Q47A	NA/JP	Single	200 - 208V	40A	(3) 2-pole, 20A	CS8265C	12'
P9Q48A	NA/JP	Single	200 - 208V	40A	(3) 2-pole, 20A	CS8265C	10'
P9Q49A	WW	Single	200 - 240V	40A	(3) 2-pole, 20A	50A Terminal Block	Detachable
P9Q50A	INTL	Single	220 - 240V	48A	(3) 1-pole, 16A	IEC 63A, 1ph	10'
P9Q51A	INTL	Single	220 - 240V	63A	(6) 1-pole, 16A	IEC 63A, 1ph	12'
P9Q52A	NA/JP	Three	200 - 208V	24A	(3) 2-pole, 20A	L15-30P	12'
P9Q53A	NA/JP	Three	200 - 208V	24A	(3) 2-pole, 20A	L15-30P	10'
P9Q54A	NA/JP	Three	200 - 208V	24A	(3) 2-pole, 20A	L15-30P	10'
P9Q55A	NA/JP	Three	120/208V	24A	(3) 2-pole, 20A	L21-30P	10'
P9Q56A	NA/JP	Three	200 - 208V	28A	(3) 2-pole, 20A	CS8365C	10'
P9Q57A	INTL	Three	200 - 240V/346 - 415V	16A	None	IEC 16A, 3ph	12'
P9Q58A	INTL	Three	200 - 240V/346 - 415V	16A	None	IEC 16A, 3ph	10'
P9Q59A	NA/JP	Three	200 - 208V	40A	(6) 2-pole, 20A	CS8365C	12'
P9Q60A	NA/JP	Three	200 - 208V	48A	(6) 2-pole, 20A	IEC 60A, 3ph	12'
P9Q61A	NA/JP	Three	200 - 208V	48A	(6) 2-pole, 20A	IEC 60A, 3ph	10'
P9Q62A	NA/JP	Three	200 - 208V	48A	(6) 2-pole, 20A	IEC 60A, 3ph	10'
P9Q63A	INTL	Three	200 - 240V/346 - 415V	32A	(6) 1-pole, 16A	IEC 32A, 3ph	12'
P9Q64A	INTL	Three	200 - 240V/346 - 415V	32A	(6) 1-pole, 16A	IEC 32A, 3ph	10'
P9Q65A	INTL	Three	200 - 240V/346 - 415V	32A	(6) 1-pole, 16A	IEC 32A, 3ph	10'

Notes: All Input Circuit Ratings for NA/JP models have been de-rated according to NEC requirements.

Standard Features

Nominal Input Voltage Ratings used for calculating output power are as follows:
- 100 - 120V: 120V
- 200 - 208V: 208V
- 100 - 240V: 230V
- 220 - 240V: 230V
- 200 - 240V/346 - 415V: 230V

Model	Region	Nominal Power (kVA)	Output Voltage Range	Output Receptacles	Support Extension Bar Options	Support Locking Power Cord Options
P9Q31A	NA/JP	1.9	100-125V	(12)5-20R	n/a	n/a
P9Q32A	NA/JP	1.9	100-125V	(16)5-20R	n/a	n/a
P9Q33A	NA/JP	2.8	100-125V	(6)C19	✔	✔
P9Q34A	NA/JP	2.8	100-125V	(22)5-20R	n/a	n/a
P9Q35A	NA/JP	2.8	100-125V	(16)5-20R	n/a	n/a
P9Q36A	WW	3.6	100-240V	(2)C19	✔	✔
P9Q37A	WW	3.6	100-240V	(12)C13	n/a	✔
P9Q38A	WW	3.6	100-240V	(20)C13, (2)C19	✔	✔
P9Q39A	NA/JP	4.9	200-240V	(6)C19	✔	✔
P9Q40A	NA/JP	4.9	200-240V	(12)C13	n/a	✔
P9Q41A	NA/JP	4.9	200-240V	(20)C13	n/a	✔
P9Q42A	NA/JP	4.9	200-240V	(36)C13, (6)C19	✔	✔
P9Q43A	INTL	7.3	220-240V	(6)C19	✔	✔
P9Q44A	INTL	7.3	220-240V	(12)C13	n/a	✔
P9Q45A	INTL	7.3	220-240V	(20)C13	n/a	✔
P9Q46A	INTL	7.3	220-240V	(36)C13, (6)C19	✔	✔
P9Q47A	NA/JP	8.3	200-240V	(6)C19	✔	✔
P9Q48A	NA/JP	8.3	200-240V	(30)C13, (6)C19	✔	✔
P9Q49A	WW	9.2	200-240V	(30)C13, (6)C19	✔	✔
P9Q50A	INTL	11	220-240V	(30)C13, (6)C19	✔	✔
P9Q51A	INTL	14.4	220-240V	(6)C19	✔	✔
P9Q52A	NA/JP	8.6	200-240V	(6)C19	✔	✔
P9Q53A	NA/JP	8.6	200-240V	(30)C13, (6)C19	✔	✔
P9Q54A	NA/JP	8.6	200-240V	(18)C13	n/a	✔
P9Q55A	NA/JP	8.6	120/208V	(24)C13, (3)C19, (3)5-20R	✔	✔
P9Q56A	NA/JP	10	200-240V	(36)C13, (6)C19	✔	✔
P9Q57A	INTL	11	220-240V	(6)C19	✔	✔
P9Q58A	INTL	11	220-240V	(36)C13, (6)C19	✔	✔
P9Q59A	NA/JP	14.4	200-240V	(6)C19	✔	✔
P9Q60A	NA/JP	17.3	200-240V	(6)C19	✔	✔

Standard Features

P9Q61A	NA/JP	17.3	200-240V	(18)C13, (6)C19	✔		✔
P9Q62A	NA/JP	17.3	200-240V	(36)C13, (12)C19	✔		✔
P9Q63A	INTL	22	220-240V	(6)C19	✔		✔
P9Q64A	INTL	22	220-240V	(18)C13, (6)C19	✔		✔
P9Q65A	INTL	22	220-240V	(36)C13, (12)C19	✔		✔

Notes: For more information on Extension Bar and Power Cord options, please see the Related Options section.

PDU Plugs

Voltage	Amps	# Wires	Plug Name	Sample Plug Image (color may vary by manufacturer)	
100-125 V Single Phase	15 A	3	NEMA 5-15P		
	30 A	3	NEMA L5-30P		
200-240 V Single Phase	20 A	3	IEC C20		
	30 A	3	NEMA L6-30P		
	32 A	3	IEC 309 32A		
	50 A	3	CS8265C		
	63 A	3	IEC 309 63A		
200 - 208 V NA/JPN Three Phase	30 A	5	NEMA L15-30P		
	30 A	5	NEMA L21-30P		
	50 A	4	CS8365C		

Standard Features

	60 A	4	IEC 309 60A		
200 - 240 V and 346 - 415 V INTL Three Phase	16 A	5	IEC 309 16 A		
	32 A	5	IEC 309 32 A		

Service and Support

HPE Services

No matter where you are in your digital transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.
https://www.hpe.com/services

Consulting Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.
https://www.hpe.com/services/consulting

HPE Managed Services

HPE runs your IT operations, providing services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.
HPE Managed Services | HPE

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.
https://www.hpe.com/services/operational

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

https://www.hpe.com/services/completecare

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.
https://www.hpe.com/services/techcare

Service and Support

HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:
https://www.hpe.com/services/lifecycle
For a list of the most frequently purchased services using service credits, see the **HPE Service Credits Menu**

Other Related Services from HPE Services:

HPE Education Services
Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.
https://www.hpe.com/services/training

Defective Media Retention
An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

Parts and Materials
HPE will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.
Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

How to Purchase Services
Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

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HPE GreenLake edge-to-cloud platform brings the cloud experience directly to your apps and data wherever they are-the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE" **https://www.hpe.com/us/en/contact-hpe.html**
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Configuration Information

100-120V Input, Single Phase, North America/Japan

SKU Description	SKU
HPE G2 Basic 1.9kVA/IEC C20 Detachable 16A/120V Outlets (12) 5-20R/1U Horizontal NA/JP PDU	P9Q31A
HPE G2 Basic 1.9kVA/IEC C20 Detachable 16A/120V Outlets (16) 5-20R/Vertical NA/JP PDU	P9Q32A
HPE G2 Basic Modular 2.8kVA/L5-30P 24A/120V Outlets (6) IEC C19/1U Horizontal NA/JP PDU	P9Q33A
HPE G2 Basic 2.8kVA/L5-30P 24A/120V Outlets (22) 5-20R/Vertical NA/JP PDU	P9Q34A
HPE G2 Basic 2.8kVA/L5-30P 24A/120V Outlets (16) 5-20R/2U Horizontal NA/JP PDU	P9Q35A

Notes: Models P9Q31A and P9Q32A include a C19 to NEMA 5-15 input power cord.

200-240V Input, Single Phase, Worldwide

HPE G2 Basic Modular 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (2) C19/1U Horizontal WW PDU	P9Q36A
HPE G2 Basic 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (12) C13/1U Horizontal WW PDU	P9Q37A
HPE G2 Basic 3.6kVA/IEC C20 Detachable 16A/100-240V Outlets (20) C13 (2) C19/Vertical WW PDU	P9Q38A
HPE G2 Basic 9.2kVA/50A Term Block 40A/208V Outlets (30) C13 (6) C19/Vertical WW PDU	P9Q49A

Notes: Worldwide models do not include an input power cord. Please go to the Related Options section and select the appropriate input power cord for your geographic location.

200-208V Input, Single Phase, North America/Japan

HPE G2 Basic Modular 4.9kVA/L6-30P 24A/208V Outlets (6) IEC C19/1U Horizontal NA/JP PDU	P9Q39A
HPE G2 Basic 4.9kVA/L6-30P 24A/208V Outlets (12) C13/1U Horizontal NA/JP PDU	P9Q40A
HPE G2 Basic 4.9kVA/L6-30P 24A/208V Outlets (20) C13/Vertical NA/JP PDU	P9Q41A
HPE G2 Basic 4.9kVA/L6-30P 24A/208V Outlets (36) C13 (6) C19/Vertical NA/JP PDU	P9Q42A
HPE G2 Basic Modular 8.3kVA/CS8265C 40A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q47A
HPE G2 Basic 8.3kVA/CS8265C 40A/208V Outlets (30) C13 (6) C19/Vertical NA/JP PDU	P9Q48A

200-208V Input, Three Phase, North America/Japan

HPE G2 Basic Modular 3Ph 8.6kVA/L15-30P 24A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q52A
HPE G2 Basic 3Ph 8.6kVA/L15-30P 24A/208V Outlets (18) C13/Vertical NA/JP PDU	P9Q54A
HPE G2 Basic 3Ph 8.6kVA/L21-30P 24A/208V Outlets (24) C13 (3) C19 (3) 5-20R/Vertical NA/JP PDU	P9Q55A
HPE G2 Basic 3Ph 8.6kVA/L15-30P 24A/208V Outlets (30) C13 (6) C19/Vertical NA/JP PDU	P9Q53A
HPE G2 Basic Modular 3Ph 14.4kVA/CS8365C 40A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q59A
HPE G2 Basic Modular 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (6) C19/1U Horizontal NA/JP PDU	P9Q60A
HPE G2 Basic 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (18) C13 (6) C19/Vertical NA/JP PDU	P9Q61A
HPE G2 Basic 3Ph 17.3kVA/60309 60A 4-wire 48A/208V Outlets (36) C13 (12) C19/Vertical NA/JP PDU	P9Q62A

Notes: P9Q61A and P9Q62A are high density models with circuit breakers on the back side of the unit.

220-240V Input, Single Phase, International

HPE G2 Basic Modular 7.3kVA/60309 3-wire 32A/230V Outlets (6) C19/1U Horizontal INTL PDU	P9Q43A
HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (12) C13/1U Horizontal INTL PDU	P9Q44A
HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (20) C13/Vertical INTL PDU	P9Q45A
HPE G2 Basic 7.3kVA/60309 3-wire 32A/230V Outlets (36) C13 (6) C19/Vertical INTL PDU	P9Q46A
HPE G2 Basic 11kVA/60309 63A 3-wire 48A/230V Outlets (30) C13 (6) C19/Vertical INTL PDU	P9Q50A
HPE G2 Basic Modular 14.4kVA/60309 63A 3-wire 48A/230V Outlets (6) C19/1U Horizontal INTL PDU	P9Q51A

220-240V Input, Three Phase, International

Configuration Information

HPE G2 Basic 3Ph 11kVA/60309 5-wire 16A/230V Outlets (36) C13 (6) C19/Vertical INTL PDU   P9Q58A

HPE G2 Basic Modular 3Ph 11kVA/60309 5-wire 16A/230V Outlets (6) C19/1U Horizontal INTL PDU   P9Q57A

HPE G2 Basic Modular 3Ph 22kVA/60309 5-wire 32A/230V Outlets (6) C19/1U Horizontal INTL PDU   P9Q63A

HPE G2 Basic 3Ph 22kVA/60309 5-wire 32A/230V Outlets (18) C13 (6) C19/Vertical INTL PDU   P9Q64A

HPE G2 Basic 3Ph 22kVA/60309 5-wire 32A/230V Outlets (36) C13 (12) C19/Vertical INTL PDU   P9Q65A

Notes: P9Q64A and P9Q65A are high density models with circuit breakers on the back side of the unit.

Related Options

Extension Bars

SKU Description	SKU
HPE G2 IEC C20 Input/(8) C13 Expansion Outlets/PDU Extension Bar Kit	P9Q66A
HPE G2 IEC C20 Input/(4) C13 (2) C19 Expansion Outlets/PDU Extension Bar Kit	P9Q67A
HPE G2 IEC C20 Input/(7) 5-20R Expansion Outlets/PDU Extension Bar Kit	P9Q68A

Notes: All kits include 2 extension bars with a locking C19 input power cord (1.8m).

IEC Locking Power Cords

HPE C13 - C14 WW 250V 10Amp 0.7m Black Locking Power Cord	Q0P67A
HPE C13 - C14 WW 250V 10Amp 0.7m Black 6-pack Locking Power Cord	Q0Q02A
HPE C13 - C14 WW 250V 10Amp 1.4m Black Locking Power Cord	Q0P68A
HPE C13 - C14 WW 250V 10Amp 1.4m Black 6-pack Locking Power Cord	Q0Q03A
HPE C13 - C14 WW 250V 10Amp 2m Black Locking Power Cord	Q0P69A
HPE C13 - C14 WW 250V 10Amp 2m Black 6-pack Locking Power Cord	Q0Q04A
HPE C13 - C14 WW 250V 10Amp 3m Black Locking Power Cord	Q0P70A
HPE C19 - C20 WW 250V 16Amp 0.7m Black Locking Power Cord	Q0R19A
HPE C19 - C20 WW 250V 16Amp 2m Black Locking Power Cord	Q0P72A
HPE C19 - C20 WW 250V 16Amp 2m 6-pack Black Locking Power Cord	Q0R17A

Notes: HPE Locking Power Cords support HPE G2 Standard Series Basic PDUs with C13/14 or C19/20 power receptacles.

IEC Standard Power Cords

HPE C13 - C14 WW 250V 10Amp 1.4m Jumper Cord	142257-006
HPE C13 - C14 WW 250V 10Amp 2.0m Jumper Cord	A0K02A
HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord	AF573A
HPE C13 - C14 WW 250V 10Amp 2.5m Jumper Cord	142257-002
HPE C13 - C14 WW 250V 10Amp 3.0m Jumper Cord	142257-003
HPE C20 - C13 WW 250V 15Amp 2.0m Jumper Cord	AF590A
HPE C19 - C20 WW 250V 16Amp Flint Gray 1.20m Jumper Cord	AF575A
HPE C19 - C20 WW 250V 16Amp Flint Gray 2.0m Jumper Cord	AF574A
HPE C19 - C20 WW 250V 16Amp 2.5m Jumper Cord	295633-B22

Related Options

Country-Specific Power Cords

SKU Description	SKU
HPE C13 - Nema 5-15P US/CA 110V 10Amp 1.83m Power Cord	AF556A
HPE C19 - Nema L6-20P NA/JP 250V 20Amp High Voltage 3.6m Power Cord	AF593A
HPE C19 - IEC-309 DK/SE/AR 250V 16Amp 3.6m Power Cord	AF581A
HPE C19 - CEE-VII EU 250V 16Amp 3.6m Power Cord	AF576A
HPE 240 VAC 4.5M Unterminated End NA Power Cord	E7806A

HPE Mounting Brackets

HPE Vertical PDU 10K G2 Mounting Kit	H6L32A

Notes: This kit allows for HPE G2 Basic PDU vertical models to be mounted in HPE 10000 G2 series racks and in the HPE Standard Series rack.

Technical Specifications

Operating Temperature	50° to 140° F (10° to 60° C)
Operating Relative Humidity (%)	10% to 90%
Operating Elevation	0 to 10,000 ft. (0 to 3000 m)
Storage Temperature	-4° to 140° F (-20° to 60° C)
Storage Relative Humidity (%)	5% to 95%
Storage Elevation	0 to 30,000 ft. (0 to 9144 m)
Conformance Standards	UL or CSA, CB Test - NA/JPN models CE, DEMKO, EAC - INTL models UL or CSA, CB Test+CE, DEMKO, EAC - WW models
Kit Contents	All G2 Basic PDU models ship with: • Mounting brackets/hardware • Tie wraps • Locking Power Cord Sample (for models with either C13 and/or C19 outlets) Read me first card

Environment-friendly Products and Approach - End-of-life Management and Recycling

Hewlett Packard Enterprise offers end-of-life **product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the **Hewlett Packard Enterprise web site**. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment

Summary of Changes

Date	Version History	Action	Description of Change
04-Dec-2023	Version 8	Changed	Service and Support Section was updated
04-Oct-2021	Version 7	Changed	Recommended Services were updated
02-Nov-2020	Version 6	Changed	Related Options and Technical Specifications Sections were updated
16-Dec-2019	Version 5	Changed	Input Power Model Matrix table was revised.
05-Mar-2018	Version 4	Changed	Relation options SKU description were updated.
13-Feb-2017	Version 3	Changed	Overview, Models, Key Features, Related Options, Model Matrix - Form Factor/Mounting Options, Model Matrix - Input Power, and PDU Plugs were revised.
09-Dec-2016	Version 2	Changed	Technical Specifications section was revised.
28-Nov-2016	Version 1	New	New QuickSpecs.

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