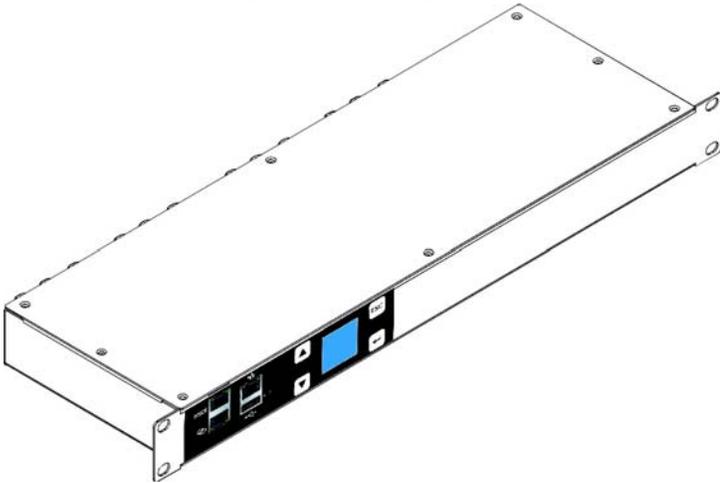


### Overview

#### HP Remote Monitoring Power Distribution Units (mPDU)

HP Remote Monitoring Power Distribution Units (PDU) provide rack level power monitoring over the network. With billing grade accuracy these PDUs are excellent choices for data centers wanting to make the most of circuit capacity or for co-location facilities needing to precisely track power usage for billing purposes.

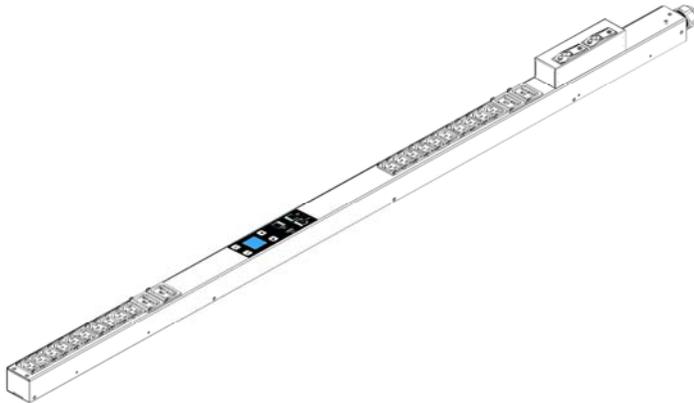
The low profile single piece design on these PDU's provides multiple mounting options and ease of access to rear devices for maintenance. They are designed for HP racks but will also work in a large variety of third party racks as well using standard button and keyhole mounting. They can be installed on either side of the rack with outlets facing the back of the rack for easy access and improved clearance. Also for higher power density they can be installed side by side on both sides of the rack with the outlets facing in towards the center of the rack. HP Remote Monitoring PDUs are available in 1U and vertical form factors in single and 3-phase models and are back by HP's limited 3-year warranty.



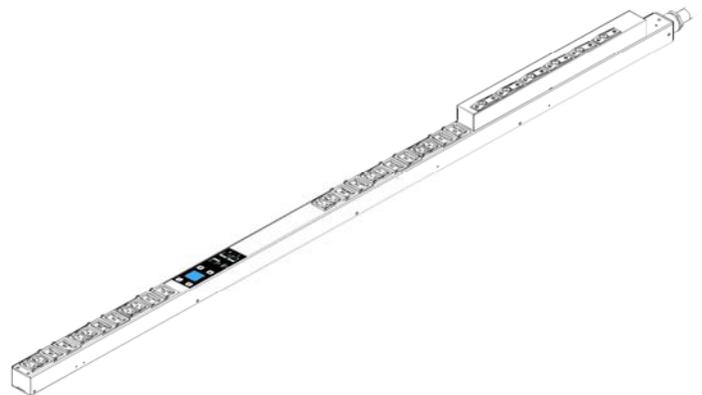
**Monitored PDU, 1U Models (D9N46A shown)**



**Monitored PDU, Half Height Models (D9N45A shown)**



**Monitored PDU, Mid Height Models (D9N47A/D9N48A shown)**



**Monitored PDU, Full Height Models (D9N58A/D9N59A shown)**

#### What's New

Two new models with IP67 rated watertight inlet connectors for harsh environment use. These new models have 10 foot (3m) inlet cords for more flexibility in installation.

### Models

<b>HP Remote Monitoring Power Distribution Units</b>	<b>1U Models</b>	
	HP 2.8kVA 120 Volt L5-30 Input (12xNEMA 5-20R)NA/JP Monitored PDU	D9N43A
	HP 3.6kVA 200-240 Volt Detachable C20 Input (12xC13) WW Monitored PDU	D9N46A
	HP 4.9kVA 208 Volt L6-30 Input (12xC13) NA/JP Monitored PDU	D9N44A
	<b>Half Height Models</b>	
	HP 3.6kVA 200-240 Volt Detachable C20 Input (16xC13) WW Monitored PDU	D9N45A
	<b>Mid Height Models</b>	
	HP 4.9kVA 208 Volt L6-30 Input (20xC13/4xC19) NA/JP Monitored PDU	D9N47A
	HP 7.3kVA 230 Volt IEC309 32A Input (20xC13/4xC19) INTL Monitored PDU	D9N48A
	HP 5.7kVA 208 Volt L21-20 3-Phase Input (18xC13/3xNEMA 5-20R) NA/JP Monitored PDU	D9N52A
	HP 8.6kVA 208 Volt L21-30 3-Phase Input (20xC13/3xC19/3xNEMA 5-20R) NA/JP Monitored PDU	D9N53A
	HP 8.6kVA 208 Volt L15-30 3-Phase Input (18xC13/3xC19) NA/JP Monitored PDU	D9N51A
	HP 11kVA 400 Volt IEC309 16A 3-Phase Input (18xC13/3xC19) INTL Monitored PDU	D9N55A
	<b>Full Height Models</b>	
	HP 7.3kVA 230 Volt IEC309 32A Input (32xC13/4xC19) INTL Monitored PDU	D9N50A
	HP 8.3kVA 208 Volt CS8265C Input (30xC13/3xC19) NA Monitored PDU	D9N49A
	HP 11kVA 400 Volt IEC309 16A 3-Phase Input (30xC13/3xC19) INTL Monitored PDU	D9N57A
	HP 16.6kVA 400 Volt IEC309 30A 3-Phase Input (30xC13/3xC19) NA Monitored PDU	D9N61A
	HP 17.3kVA 208 Volt IEC309 60A 3-Phase Input (24xC13/3xC19) NA/JP Monitored PDU	D9N54A
	HP 22kVA 400 Volt IEC309 32A 3-Phase Input (30xC13/3xC19) INTL Monitored PDU	D9N56A
	HP 14.4kVA 208 Volt CS8365C 3-Phase Input (12xC13/12xC19)NA Monitored PDU	D9N58A
	HP 16.6kVA 400 Volt IEC309 30A 3-Phase Input (12xC13/12xC19) NA Monitored PDU	D9N62A
	HP 17.3kVA 208 Volt IEC309 60A 3-Phase Input (12xC13/12xC19) NA/JP Monitored PDU	D9N59A
	HP 17.3kVA 208 Volt IEC309 60A 3-Phase Watertight Input (12xC13/12xC19) NA/JP Monitored PDU	G9Z07A
	HP 22kVA 400 Volt IEC309 32A 3-Phase Input (12xC13/12xC19) INTL Monitored PDU	D9N60A
	HP 22kVA 400 Volt IEC309 32A 3-Phase Watertight Input (12xC13/12xC19) INTL Monitored PDU	G9Z08A
	<b>480/277 Volt Models</b>	
	HP 19.9kVA 480 Volt 3-Phase (30 Outlet) NA Monitored PDU	D9N63A

### Standard Features

#### Key Features List

- Remote power monitoring with billing grade 99% accuracy
- Inlet and load segment power monitoring
- Local or LDAP authentication
- LCD Display on the PDU for local monitoring
- Ultra-thin one piece design does not interfere with rear maintenance
- 1U and vertical form factors with flexible mounting options
- Industry standard button and keyhole mounting of vertical models for easy drop in installation
- Color coded load segment designations
- Daisy chain up to 2 PDUs on the same IP address
- Optional environment sensor measures temperature and humidity
- Models range from 2.8kVA to 22kVA

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#### Billing grade accuracy

All HP Remote Monitoring PDUs meet IEC 62053-21, Class 1 standards for  $\pm 1\%$  or better accuracy in power monitoring of:

- Amperage
- Voltage
- Wattage
- Kilowatts per hour

Accurate inlet and load segment power monitoring improves circuit utilization and provide information that can help balance power throughout the data center to maximize efficiency and cooling.

A LCD screen on the HP Remote Monitoring PDU provides local monitoring and local alert indications.

Remote monitoring and management is available via Telnet or a standard web browser.

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#### Flexible Software

- Easy to use CLI and web interfaces
- Local and LDAP security with multiple access levels
- HTTP, HTTPS, Telnet/SSH protocols
- IPv4 and IPv6 compatible
- SNMPv1 and SNMPv3 compatible
- Email alert notifications
- User settable alert thresholds
- Event logs

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#### Multiple models for flexible installation

The HP Remote Monitoring PDUs are available in four form factors for a variety of racks and environments. All HP Remote Monitoring PDUs can be mounted to stay completely out of the critical rear maintenance path needed to service IT equipment in the rack. All vertical models use industry standard button and keyhole mounting for simple drop in installation in HP 11000 G2 and Intelligent Series racks and many third party racks.

#### 1U PDUs

Mounts in 1U of space in any EIA standard rack. Available in either a low voltage model with twelve NEMA 5-20 receptacles or high voltage models with twelve IEC C13 outlets.

### Standard Features

#### Vertical PDUs

- A variety of sizes meet the needs of many environments
- Mounts vertically on either side in the rear of the rack using industry standard button and keyhole mounting.
- Standard mounting faces the outlet towards the rear of the rack. This configuration fully prevents interference in the maintenance zone between rear RETMA rails.
- Using the optional configuration of facing the outlets into the rack, multiple PDUs can be mounted on one side of the rack for higher power density.\*

**NOTE:** Facing the outlets into the rack will interfere with the lower few rack U spaces of the rear maintenance zone due to breakers on the PDUs.

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#### Vertical PDU Form Factors

- **Half Height PDU**
  - Designed to fit in 22U and taller racks
  - Up to 4 Half Height PDUs can be mounted in one side of a 42U or 47U rack using the optional inward facing configuration.
- **Mid Height PDUs**
  - Designed to fit in 36U and taller racks
  - New Three Phase Dual Voltage models provide three NEMA 5-20 convenience outlets for low voltage equipment in high voltage racks.
- **Full Height PDUs**
  - Designed for 42U and taller racks.
- **480V PDUs**
  - Full height form factor for 42U and taller racks
  - 480V three phase 5 wire input provides 277V single phase output.
  - Unique outlets prevent connection of non-277V compatible equipment.

**NOTE:** When mounted in the standard rear facing configuration only 1 Mid or Full Height PDU can be mounted per side of the rack. Up to 2 Half Height PDUs can be mounted per side in the standard rear facing configuration in a 42U or taller rack.

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#### Environmental monitoring

An optional environmental sensor attaches to the HP Remote Monitoring PDU and can measure air temperature and humidity in the front or rear of the rack. The environmental sensor will send alerts over the network based on user defined thresholds.

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#### Easy Installation and compatibility

Standard button and keyhole mounting provides simple drop in installation in HP 11000 G2 Series racks, Intelligent Series Racks, and many third party racks.

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#### Warranty

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

### Service and Support

**HP Care Pack Services** Care Pack services provide a range of life cycle 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 start up
- 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
- Comprehensive range of software technical support for Microsoft, Linux, ProLiant Essentials and VMWare-based IT solutions helping to deliver high level of application availability. Response times range from 30 mins for critical problems to 2 hours.
- System Management, Performance Services and Mission Critical Support Solution

**NOTE:** For more information on HP Care Pack services, contact any of our worldwide sales offices or resellers or visit our worldwide Web site on the internet at: <http://www.hp.com/hps/carepack>

**NOTE:** For more complete information on HP Services offerings, customers and resellers, please visit us at: <http://www.hp.com/hps>

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

### Related Options

<b>HP Environmental Sensor for Remote Monitoring PDUs</b>	<p>HP Environmental Sensor for Remote Monitoring PDUs</p> <p>The HP Environmental Sensor collects temperature and humidity information in the rack and can be monitored via the local LCD display or remotely using Telnet or a standard web interface. The sensor can also monitor the status of two user supplied contact devices.</p> <ul style="list-style-type: none"> <li>• Hot installable and hot swappable</li> <li>• User selectable alarm thresholds</li> <li>• Measure temperature from 32oF to 158oF (0oC to 70oC) with an accuracy of ±3.6oF (±2oC)</li> <li>• Measures relative humidity from 10% to 90% with an accuracy of ±5%</li> <li>• Supports normally open and normally closed contact devices</li> </ul>	E2D53A
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**NOTE:** The HP Environmental Sensor comes with a 6 foot RJ45-RJ45 cable and can be mounted in various locations within the rack using the supplied Velcro strips or mounting screw. RJ45 cables up to 30 feet (9.1m) long may be used.

**NOTE:** One environmental sensor may be installed per HP Remote Monitoring PDU

<b>HP Country specific C19 PDU Inlet Cords for D9N45A and D9N46A (required)</b>	<p>HP C19 - Nema L6-20P NA/JP 250V 20Amp High Voltage 3.6m Power Cord AF593A</p> <p>HP C19 - NBR-14136 BR 250V 16Amp 2.5m Power Cord AF592A</p> <p>HP C19 - GB-1002 CN 250V 16Amp 2.5m Power Cord AF584A</p> <p>HP C19 - IS-1293 IN/PK/BD 250V 16Amp 2.5m Power Cord AF582A</p> <p>HP C19 - ISI-32 IL 250V 16Amp 2.5m Power Cord AF583A</p> <p>HP C19 - AS3112-3 AU/NZ 250V 15Amp 3.6m Power Cord AF577A</p> <p>HP C19 - IEC-309 DK/SE/AR 250V 16Amp 3.6m Power Cord AF581A</p> <p>HP C19 - CEE-VII EU 250V 16Amp 3.6m Power Cord AF576A</p> <p>HP C19 - CEI-23-50 IT/CL 250V 16Amp 3.6m Power Cord AF580A</p> <p>HP C19 - SABS-164 ZA 250V 16Amp 3.6m Power Cord AF579A</p> <p>HP C19 - BS-1363/A UK/HK/SG 250V 13Amp 3.6m Power Cord 359615-031</p> <p>HP 240 VAC 4.5M Unterminated End NA Power Cord E7806A</p> <p><b>NOTE:</b> Please refer to the <a href="http://www.hp.com/go/powercordmatrix">Power Cord Matrix</a> for more information on power cords/cable part numbers, input/output descriptions: <a href="http://www.hp.com/go/powercordmatrix">http://www.hp.com/go/powercordmatrix</a>.</p>	
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<b>HP Jumper Cables</b>	<p>HP C13 - C14 WW 250V 10A Gray 0.7m Jumper Cord A0K03A</p> <p>HP C13 - C14 WW 250V 10Amp 0.7m Jumper Cord 142257-B28</p> <p>HP C13 - C14 WW 250V 10Amp 1.4m Jumper Cord 142257-006</p> <p>HP C13 - C14 WW 250V 10A Gray 1.37m Jumper Cord A0K04A</p> <p>HP C13 - C14 WW 250V 10Amp 1.4m 15 pc Jumper Cord 142257-007</p> <p>HP C13 - C14 WW 250V 10Amp 2.0m Jumper Cord A0K02A</p> <p>HP C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord AF573A</p> <p>HP C13 - C14 WW 250V 10Amp 2.5m Jumper Cord 142257-002</p> <p>HP C13 - C14 WW 250V 10Amp 3.0m Jumper Cord 142257-003</p> <p>HP C13 - C14 WW 250V 10A Gray 3.0m Jumper Cord A0K06A</p> <p>HP C20 - C13 WW 250V 15Amp 2.0m Jumper Cord AF590A</p> <p>HP C19 - C20 WW 250V 16Amp Flint Gray 1.20m Jumper Cord AF575A</p> <p>HP C19 - C20 WW 250V 16Amp Flint Gray 2.0m Jumper Cord AF574A</p> <p>HP C19 - C20 WW 250V 16Amp 2.5m Jumper Cord 295633-B22</p> <p>HP 200-250V 10A C15 to C14 .76m Jumper Cable E7807A</p> <p><b>NOTE:</b> Please refer to the <a href="http://www.hp.com/go/powercordmatrix">Power Cord Matrix</a> for more information on power cords/cable part numbers, input/output descriptions:</p>	
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### Related Options

<http://www.hp.com/go/powercordmatrix>.

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<b>HP Mounting Brackets</b>	HP Vertical PDU 10K G2 Mounting Kit <b>NOTE:</b> Allows HP Basic and Remote Monitoring PDU vertical models to be mounted in HP 10000 G2 series racks and in the HP V142 rack. This bracket is not needed for mounting in the HP 11000G2 or Intelligent Series racks. PDUs may interfere with the rear maintenance zone when using these brackets.	H6L32A
<b>HP 277 Volt options for D9N63A</b>	HP LS-26 to LS-25 277 Volt 15Amp AC 0.76m Jumper Cord HP LS-26 to LS-25 277 Volt 15Amp AC 1.37M Jumper Cord HP 800VA - 277V Input / 230V Output NA Rack Mount Transformer <b>NOTE:</b> 720 watt, 2U transformer converts 277V to 230V for up to 4 devices. <b>NOTE:</b> Cord lengths listed are total length including connectors <b>NOTE:</b> Please refer to the Power Cord Matrix for more information on power cords/cable part numbers, input/output descriptions: <a href="http://www.hp.com/go/powercordmatrix">http://www.hp.com/go/powercordmatrix</a> .	TK801A TK802A H3X09A
	<b>HP LS26 to LS-25 jumper cables are compatible with the following 94% efficient HP Common Slot power supplies</b>	
	HP 500W Common Slot 277VAC Hot Plug Power Supply Kit	717362-B21
	HP 750W Common Slot 277VAC Hot Plug Power Supply Kit	717364-B21
	HP 1200W Common Slot 277VAC Hot Plug Power Supply Kit	717359-B21

### Remote Monitoring PDU Family Information

#### Model Selection Matrix - HP Remote Monitoring PDUs

##### HP Remote Monitoring PDUs 1U models

Model	Part Number	Input Circuit	Current Maximum	Load capacity	Input Connection	Output circuit breakers	Outlet Connections
2.8kVA PDU	D9N43A	100-120V 30A	24A	2880VA @120V	8ft(2.4m) cord with attached NEMA L5-30P	2 x 20A	12 x NEMA 5-20R
3.6kVA PDU	D9N46A	200-240V 16-20A	16A	3680VA @230V	Detachable input power cord with an IEC 320-C20 inlet on PDU*	n/a	12 x IEC C13
4.9kVA PDU	D9N44A	200-240V 30A	24A	4992VA @208V	8ft(2.4m) cord with attached NEMA L6-30P	2 x 20A	12 x IEC C13

##### Half Height vertical models

Model	Part Number	Input Voltage	Current Maximum	Load capacity	Input Connection	Output circuit breaker	Outlet Connections
3.6kVA PDU	D9N45A	200-240V 16-20A	16A	3680VA @230V	Detachable input power cord with an IEC 320-C20 inlet on PDU*	n/a	16 x IEC C13

##### Mid Height vertical models

Model	Part Number	Input Voltage	Current Maximum	Load capacity	Input Connection	Output circuit breaker	Outlet Connections
4.9kVA PDU	D9N47A	200-240V 30A	24A	4992VA @208V	8ft(2.4m) cord with attached NEMA L6-30P	2 x 20A	20 x IEC C13 4 x IEC C19
7.3kVA PDU	D9N48A	200-240V 32A	32A	7360VA @230V	8ft(2.4m) cord with attached IEC 332P6 Splashproof	2 x 16A	20 x IEC C13 4 x IEC C19
5.7kVA Dual Voltage PDU	D9N52A	200-208V 20A 3 Phase WYE	27.7A	5764VA @208V 3 Phase	8ft(2.4m) cord with attached NEMA L21-20P	n/a	18 x IEC C13 3 x NEMA 5-20R
8.6kVA Dual Voltage PDU	D9N53A	200-208V 30A 3 Phase WYE	41.5A	8646VA @208V 3 Phase	8ft(2.4m) cord with attached NEMA L21-30P	3 x 20A	18 x IEC C13 3 x IEC C19 3 x NEMA 5-20R
8.6kVA PDU	D9N51A	200-208V 30A 3 Phase Delta	41.5A	8646VA @208V 3 Phase	8ft(2.4m) cord with attached NEMA 15-30P	3 x 20A	18 x IEC C13 3 x IEC C19
11kVA PDU	D9N55A	380-415V 16A 3 Phase WYE	16A/phase	11040VA @ 400V 3 Phase	8ft(2.4m) cord with attached IEC 516P6 Splashproof	n/a	18 x IEC C13 3 x IEC C19

### Remote Monitoring PDU Family Information

#### Full Height vertical models

Model	Part Number	Input Voltage	Current Maximum	Load capacity	Input Connection	Output circuit breaker	Outlet Connections
7.3kVA PDU	D9N50A	200-240V 32A	32A	7360VA @230V	8ft(2.4m) cord with attached IEC 332P6 Splashproof	2 x 16A	32 x IEC C13 4 x IEC C19
8.3kVA PDU	D9N49A	200-240V 50A	40A	8320VA @208V	8ft(2.4m) cord with attached CS8265C	3 x 20A	30 x IEC C13 3 x IEC C19
11kVA PDU	D9N57A	380-415V 16A 3 Phase WYE	16A/phase	11040VA @ 400V 3 Phase	8ft(2.4m) cord with attached IEC 516P6 Splashproof	n/a	30 x IEC C13 3 x IEC C19
16.6kVA PDU	D9N61A	380-415V 30A 3 Phase WYE	24A/phase	16560VA @ 400V 3 Phase	8ft(2.4m) cord with attached IEC 532P6 Splashproof	6 x 20A	30 x IEC C13 3 x IEC C19
17.3kVA PDU	D9N54A	200-208V 60A 3 Phase Delta	83.04A	17292VA @ 208V 3 Phase	8ft(2.4m) cord with attached IEC 460P9 Splashproof	6 x 20A	24 x IEC C13 3 x IEC C19
22kVA PDU	D9N56A	380-415V 32A 3 Phase WYE	32A/phase	22080VA @ 400V 3 Phase	8ft(2.4m) cord with attached IEC 532P6 Splashproof	6 x 16A	30 x IEC C13 3 x IEC C19
14.4kVA PDU	D9N58A	200-208V 50A 3 Phase Delta	69.28A	14410VA @ 208V 3 Phase	8ft(2.4m) cord with attached CS8365C	6 x 20A	12 x IEC C13 12 x IEC C19
16.6kVA PDU	D9N62A	380-415V 30A 3 Phase WYE	24A/phase	16560VA @ 400V 3 Phase	8ft(2.4m) cord with attached IEC 532P6 Splashproof	6 x 20A	12 x IEC C13 12 x IEC C19
17.3kVA PDU	D9N59A	200-208V 60A 3 Phase Delta	83.04A	17292VA @ 208V 3 Phase	8ft(2.4m) cord with attached IEC 460P9 Splashproof	6 x 20A	12 x IEC C13 12 x IEC C19
17.3kVA PDU	G9Z07A	200-208V 60A 3 Phase Delta	83.04A	17292VA @ 208V 3 Phase	10ft(3m) cord with attached IEC 460P9W IP67 Watertight	6 x 20A	12 x IEC C13 12 x IEC C19
22kVA PDU	D9N60A	380-415V 32A 3 Phase WYE	32A/phase	22080VA @ 400V 3 Phase	8ft(2.4m) cord with attached IEC 532P6 Splashproof	6 x 16A	12 x IEC C13 12 x IEC C19
22kVA PDU	G9Z08A	380-415V 32A 3 Phase WYE	32A/phase	22080VA @ 400V 3 Phase	10ft(3m) cord with attached IEC 532P6W IP67 Watertight	6 x 16A	12 x IEC C13 12 x IEC C19

### Remote Monitoring PDU Family Information

#### 480/277 Volt model

19.9kVA PDU	D9N63A	480V 30A 3 Phase WYE	24A /phase	19944VA @480V 3 Phase	8ft(2.4M) cord with attached NEMA L22-30P	6 x 20A	30 x RF203P-HP (LS-26)
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\* HP Remote Monitoring PDU models D9N45A and D9N46A require an IEC 320-C19 to country specific plug inlet cord which is sold separately.

**NOTE:** Please refer to the Power Cord Matrix for more information on power cords/cable part numbers, input/output descriptions. <http://www.hp.com/go/powercordmatrix>.

**Disclaimer:** HP makes no recommendations regarding power connector manufactures. Please consult a licensed professional to determine the best connector or receptacle for your specific needs.

### Technical Specifications

#### All PDUs

<b>Operating Temperature (INTL and WW models)</b>	50° to 122° F (10° to 50° C)
<b>Operational Temperature (NA and NA/JPN models)</b>	50° to 140° F (10° to 60° C)
<b>Operating Relative Humidity (%)</b>	10% to 90%
<b>Operating Elevation</b>	0 to 10,000 ft (0 to 3048 m)
<b>Storage Temperature</b>	-4° to 140° F (-20° to 60° C)
<b>Storage Relative Humidity (%)</b>	5% to 95%
<b>Storage Elevation</b>	0 to 30,000 ft (0 to 9144 m)
<b>Input Plug Length (D9NxxA attached cord units)</b>	96 inches (243.8 cm)
<b>Input Plug Length (G9Z07A and G9Z08A)</b>	120 inches (304.8 cm)
<b>Conformance Standards</b>	UL, CUL, VCCI - NA/JPN models CE, TUV, KC, EAC, KCC, ACMA - INTL models UL, CUL, CE, TUV, KC, EAC, KCC, VCCI, ACMA - WW models

**Mechanical Dimensions (WxHxD) - 1U models** 17.25 x 1.71 x 6.16 in (43.8 x 4.34 x 15.65 cm)

**Mechanical Dimensions (WxHxD) - Half Height models** 2.05 x 30 x 2.05 (5.2 x 76.2 x 5.2 cm)

**Mechanical Dimensions (WxHxD) - Mid Height models** 2.05 x 56.12 x 2.05 in (5.2 x 142.54 x 5.2 cm)

**Mechanical Dimensions (WxHxD) - Full Height models** 2.05 x 66.59 x 2.05 in (5.2 x 169.14 x 5.2)

**Kit Contents - All Remote Monitoring PDUs** All models ship with:

- Mounting buttons or hardware
- Tie wraps for cable retention
- Shipping bracket (vertical models only)
- 6ft RJ45-RJ45 communications cable
- 6ft RJ45-DB9 Serial cable
- Read me first card

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<b>Environment-friendly Products and Approach</b>	<b>End-of-life Management and Recycling</b>	Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to: <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a> . To recycle your product, please go to: <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.
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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 Hewlett Packard web site at: <http://www.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.

### Summary of Changes

Date	Version History	Action	Description of Change:
10-Jun-2014	From Version 7 to 8	Changed	Models, Standard Features, Related Options, Family Information and Technical Specifications were revised.
25-Mar-2014	From Version 5 to 6	Changed	Models and Standard Features were revised.
07-Mar-2014	From Version 4 to 5	Changed	Models, Standard Features, and Related Options were revised.
18-Feb-2014	From Version 3 to 4	Changed	Models, Standard Features, and Related Options were revised.
15-Nov-2013	From Version 2 to 3	Changed	Changed "Monitored" to "Monitoring" throughout the QuickSpec.
11-Oct-2013	From Version 1 to 2	Changed	Revised the Models & Model Selection Matrix sections.

### Summary of Changes

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