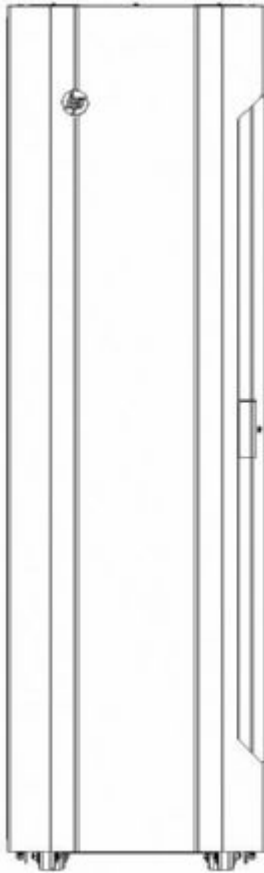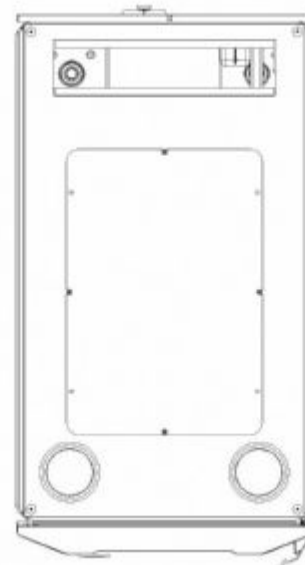## Overview

The HP Intelligent Series Rack family is the next generation of enterprise-class racks designed to meet the current and future requirements of demanding datacenters. It offers innovative intelligence capabilities for asset management, unparalleled structural integrity, cooling and cable management advances, and a wide choice of power and switching options.

The HP Intelligent Series is the first rack family to offer optional location discovery intelligence for advanced asset management. This new capability integrates with HP Lights-Out Management (iLO) and HP Intelligent Power Distribution Units (iPDU) to communicate to the datacenter manager the U space, row, and rack location of each server and also helps to manage and place the desired workload by carefully mapping current demands and available resources.

HP Intelligent Series Rack - front view

HP Intelligent Series Rack - top view

What's New

- HP Rack LED Light Kit (BW939A)

Overview

At a Glance

- The HP Intelligent Series Rack is a high capacity universal rack compatible with all HP rack mounted equipment including HP Servers, Storage and Networking products. The HP Intelligent Series Rack shares many innovations with the popular HP 11000 G2 Series such as the high airflow door and Location Discovery Services but offers higher shipping weight capacities and enhanced cosmetics. These advanced features make the Intelligent Series Rack excellent for ultra-high density deployments:
  - 6 castors on 1200mm deep models supports highest dynamic load up to 3000lbs
  - Front door with updated design to provide the maximum airflow
  - Front and rear door handles and lock bars for improved security
  - Side panels come in 3 parts for easier manageability and mounting
  - Cable management accessories and cable management bracket in every Intelligent Series rack.
  - Improved CTO pallet for increased load capacity
- Three year limited warranty, parts only (3/0/0)

Models

HP Intelligent Series Rack

HP 636 1075mm Pallet Intelligent Rack	BW895A
HP 636 1075mm Shock Intelligent Rack	BW896A
HP 636 1075mm Crate Intelligent Series Rack	BW897A
HP 636 1200mm Pallet Intelligent Rack	BW899A
HP 636 1200mm Shock Intelligent Rack	BW900A
HP 642 1075mm Pallet Intelligent Rack	BW903A
HP 642 1075mm Shock Intelligent Rack	BW904A
HP 642 1075mm Crate Intelligent Series Rack	BW905A
HP 642 1200mm Pallet Intelligent Rack	BW907A
HP 642 1200mm Shock Intelligent Rack	BW908A
HP 642 Intelligent Air Duct Rack	BW910A
HP 642 Shock Intelligent Network Rack	BW966A
HP 647 1075mm Pallet Intelligent Rack	BW911A
HP 647 1075mm Shock Intelligent Rack	BW912A
HP 647 1200mm Pallet Intelligent Rack	BW913A
HP 647 1200mm Shock Intelligent Rack	BW914A
HP 647 Intelligent Air Duct Rack	BW936A
HP 842 1075mm Pallet Intelligent Rack	BW917A
HP 842 1075mm Shock Intelligent Rack	BW918A
HP 842 1200mm Pallet Intelligent Rack	BW919A
HP 842 1200mm Shock Intelligent Rack	BW920A
HP 842 Shock Intelligent Network Rack	BW968A

HP Grey Intelligent Series Rack

HP 642 1200mm Shock Grey Intelligent Series Rack	TK756A
HP 642 1200mm Grey Intelligent Air Duct Rack	TK766A
HP 647 1200mm Shock Grey Intelligent Series Rack	TK757A
HP 647 1200mm Grey Intelligent Air Duct Rack	TK767A
HP 842 1200mm Shock Grey Intelligent Series Rack	TK760A
HP 842 1200mm Shock Grey Intelligent Network Rack	TK772A

Standard Features

Intelligent Racks	All HP Intelligent Series Racks are industry standard EIA-310 19 inch RETMA and will support all HP rack mountable equipment as well as third-party equipment designed to mount in 19-inch wide racks

Intelligent Network Racks	HP Intelligent Network Racks are designed for dense network equipment. These racks have the front vertical rails moved back 75mm to facilitate front to rear cabling and have additional bristle covered cable pass through slots in the front and on top of the racks to prevent mixing of hot and cold air. These racks are available in standard 600mm and 800mm widths. The 800mm wide HP Intelligent Network Racks include slotted vertical cable channels on both sides in the rear of the rack.

Intelligent Air Duct Racks	HP Intelligent Air Duct Racks work with the HP Rack Air Duct Kit to direct hot exhaust air from the rear of the rack to air returns in the ceiling. These racks are perfect for racks up to 14kW where the mixing of hot and cold air in the datacenter needs to be eliminated to improve efficiency without the cost of additional fans.

EIA	The HP Intelligent Series Rack conforms to EIA-310D Type A cabinet per section 4.1.1
UL/CES Certification	Yes
WEEE	Yes
RoHS compliant	Yes

Innovative Breakthroughs	- OPEX saving as HP has 81% total open area on HP rack front doors. More than anyone in the industry - Up to 3000 lbs shipping capacity is one of the highest in the industry - Compatible with HP Location Discovery Services

Service and Support

Service and Support	**NOTE:** HP Intelligent Series rack is supported as a part of the HP Server Infrastructure. No separate HP Care Packs need to be purchased.

HP Technology Services for Industry Standard Servers

HP Technology Services delivers confidence, reduces risk and helps customers realize agility and stability. Connect to HP to help prevent problems and solve issues faster. Our support technology lets you to tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

Protect your business beyond warranty with HP Care Pack Services

HP Care Pack Services enable you to order the right service level, length of coverage and response time as you purchase your new server, giving you full entitlement for the term you select.

Related HP Care Pack Services to enhance your HP product experience

Warranty / Service Coverage	For ProLiant servers and storage systems, this service covers HP-branded hardware options qualified for the server, purchased at the same time or afterward, internal to the enclosure, as well as external monitors up to 22% and tower UPS products* these items will be covered at the same service level and for the same coverage period as the server unless the maximum supported lifetime and/or the maximum usage limitation has been exceeded. Coverage of the UPS battery is not included* standard warranty terms and conditions apply.
	The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by HP due to malfunction. It does not apply to any exchange of Disk or SSD/Flash Drives that have not failed. SSD/Flash Drives that are specified by HP as consumable parts and/or that have exceeded maximum supported lifetime and/or the maximum usage limit as set forth in the manufacturer's operating manual or the technical data sheet are not eligible for the defective media retention service feature option.
For more information	To learn more on services for HP ESSN Options, please contact your HP sales representative or HP Authorized Channel Partner. Or visit: http://www.hp.com/go/HPQO

Related Options

Several options allow for quick and easy expansion of the HP Intelligent Series Racks to create a custom solution.
NOTE: This is only a sampling of the many HP Rack options available. See the HP rack products Web site for more complete information at http://www.hp.com/products/rackoptions. Contact your nearest HP Authorized Reseller or Service Provider for information about ordering HP parts. In the United States, HP can make arrangements to have your rack system installed by qualified Guaranteed Service Providers. This installation service covers the entire hardware installation sequence, from unpacking the components to routing cabling and running a test of the system.

HP Location Discovery Kits	HP 36U Location Discovery Kit	BW945A
	HP 42U Location Discovery Kit	BW946A
	HP 47U Location Discovery Kit	BW947A
	HP Location Discovery Contact Cover Kit	BW942A

NOTE: Location Discovery Services requires iLO Advanced v1.20 or greater. Advanced integration with Insight Control requires Insight Control version 7.1.1 or greater.
NOTE: Contact covers protect Location Discovery strip contacts in unused rack U space locations. Each Contact Cover Kit contains 25 covers.
NOTE: For additional information on HP Discovery Services please go to http://www.hp.com/go/discoveryservices

HP Baying Kits	HP Rack Baying Kit	BW902A

NOTE: This kit can be used to connect HP racks of the same U height and depth together.

HP 1075-1200mm Offset Baying Kit   BW941A
NOTE: This kit can be used to connect 42U 1075mm to 42U 1200mm racks.

HP 1M-1075mm Offset Baying Kit   BW952A
NOTE: This kit can be used to connect 42U 1075mm 11000 G2 Series or Intelligent Series racks to HP 10000 G2 Series 42U 1000mm depth racks.

HP Airflow Optimization	HP Air Flow Optimization Kit	BW930A

NOTE: The Airflow Optimization kit seals the gap between bayed racks to prevent hot and cold air from mixing thus optimizing the temperature at which the chilled air enters the racked servers.
NOTE: When configuring racks through Factory Express, a Rack Optimization kit will automatically ship with the rack. This kit is recommended for all other bayed rack configurations also.

Related Options

HP Sidewall Panel Kits	HP 42U 1075mm Side Panel Kit	BW906A
	HP 42U 1200mm Side Panel Kit	BW909A
	HP 42U 1200mm Grey Side Panel Kit	TK764A
	HP 47U 1075mm Side Panel Kit	BW915A
	HP 47U 1200mm Side Panel Kit	BW916A
	HP 47U 1200mm Grey Side Panel Kit	TK765A
	HP 36U 1075mm Side Panel Kit	BW898A
	HP 36U 1200mm Side Panel Kit	BW901A

NOTE: The lightweight, locking side panels for the Intelligent Series racks come in 3 sections for better handling

HP Rack Stabilization Kits	HP 600mm Rack Stabilizer Kit	BW932A
	HP 600mm Heavy Duty V2 Stabilizer Kit	BW961A
	HP 800mm Rack Stabilizer Kit	BW933A
	HP 9000 and 10000 Rack Ballast Kit	120672-B21

NOTE: The anti-tip stabilizer kits provide stability and support when equipment is installed, removed or accessed within the rack. Heavy Duty stabilizer kits should be used when a single racked component exceeds 200 lbs.

NOTE: The Ballast Option Kit is designed to provide additional stability and support when used with the Stabilizer Kit. It is typically used when very heavy equipment is routinely installed, removed or accessed within the rack. Compatible with HP 11000 G2 and Intelligent Series racks.

HP Tie Down Kit	HP 600mm Rack Tie Down Kit	BW926A

NOTE: For HP Intelligent Series 600mm wide rack only. The tie down kit is used to secure the rack to the datacenter floor for seismic anchoring.

	HP 800mm Rack Tie Down Kit	BW927A

NOTE: For HP Intelligent Series 800mm wide rack only. The tie down kit is used to secure the rack to the datacenter floor for seismic anchoring.

HP Universal 1U Filler Panels	HP 1U 10-pack Black Universal Filler Panel	BW928A
	HP 1U 100-pack Black Universal Filler Panel	BW929A

NOTE: The blanking panels are made from high grade molded plastic, and are designed to be installed without tools. The use of blanking panels is recommended to ensure proper airflow.

NOTE: 0D1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.

Related Options

| **HP Rack Shelves** | HP 10000 Rack 1U Monitor Utility Shelf | 253449-B21 |
| | HP 100kg Sliding Shelf | 234672-B21 |

HP Locking Drawer   HP 2U Universal Locking Drawer   361591-B21

NOTE: This product mounts on HP 10000, 11000 G2, and Intelligent Series racks with sliding rails and is used to store CD's, Instruction manuals, tools, and any other items that are frequently used at the rack. Drawer includes lock.

NOTE: 0D1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.

HP Cable Management Kits

| HP Qtr Turn Hook and Loop 10Pk Kit | BW963A |
| HP Qtr Turn Hook and Loop 100Pk Kit | BW964A |

NOTE: Quarter turn hook and loop straps attach to the accessory bracket in the rear of the rack without tools.

NOTE: 0D1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.

Compaq Cable Management D Rings	168233-B21
HP Rack Cable Management Velcro Clips	379820-B21
HP Rack Cable Management Kit	AF099A

NOTE: The HP Rack Cable Management Kit includes a 1U and 2U front cable entry panel with brush inserts, 2x crossover cable brackets, 10x D-rings, 10x 8 inch hook and loop straps, 10x 10 inch hook and loop straps, mounting hardware

HP Rack Top Cable Trays

HP 600 Wide Rack Top Cable Tray	383982-B21
HP 800 Wide Rack Top Cable Tray	383983-B21
HP Rack Top Cable Mgmt Transfer Tray	383984-B21

NOTE: HP Rack Top Cable Tray connects two aisles of racks with HP Rack Top Cable Trays to run overhead cables

HP Rack Light Kit   HP Rack LED Light Kit   BW939A

HP Rack Top Fan kits

| HP 10000 Rack Roof Mount Fan (110V) Kit | 257413-B21 |
| HP 10000 Rack Roof Mount Fan (220V) Kit | 257414-B21 |

Related Options

| **HP Grounding Kit** | HP Rack Grounding Kit | BW891A |

NOTE: 0D1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.

| **HP Rack Air Duct Kits** | HP Air Duct Kit | BW937A |
| | HP Grey Air Duct Kit | TK770A |

NOTE: HP Rack Air Duct kits channel hot exhaust air from the rear of the rack directly in to ceiling return plenums (hot air returns) to eliminate air mixing in the datacenter and increase cooling efficiency. The HP Rack Air Duct kit is compatible with HP Intelligent Air Duct Racks BW910A, BW936A, TK766A, and TK767A. The HP Rack Air Duct Kit is adjustable for ceilings from 38.75 inches to 69 inches (98.5 cm to 175 cm) above top of HP Intelligent Air Duct Rack.

| **HP Hardware Kit** | HP Rack Hardware Kit | H6J85A |

NOTE: The HP Rack Hardware Kit includes 24x M6 cage nuts, 24x M6x16 T25 screws, 10x 5mm thread clip nuts, 10x 6mm thread clip nuts, cage nut tool, and 5x Quarter turn hook and loop straps.

| **HP Adjustable Rails** | Depth Adjustable Fixed Rail Kit | 332558-B21 |

| **HP Rack Branding Kit** | HP Custom Rack Door Branding Kit | BW935A |

| **HP Intelligent Series Door** | HP 42U Front Door Kit | BW934A |

NOTE: Doors are included in all HP Intelligent Series racks. Intelligent Series Rack doors are made available for customers that wish to replace a 10000 G2 or 11000 G2 Series door with the Intelligent Series rack door for uniformity of appearance in the datacenter.

Related Options

HP Keyboard and Monitors	**HP TFT7600 G2 KVM Console and Monitor (TFT7600 G2)**	
	HP TFT7600 G2 KVM Console Rackmount Keyboard US Monitor	AZ870A
	HP TFT7600 G2 KVM Console Rackmount Keyboard UK Monitor	AZ871A
	HP TFT7600 G2 KVM Console Rackmount Keyboard DE Monitor	AZ872A
	HP TFT7600 G2 KVM Console Rackmount Keyboard FR Monitor	AZ873A
	HP TFT7600 G2 KVM Console Rackmount Keyboard IT Monitor	AZ874A
	HP TFT7600 G2 KVM Console Rackmount Keyboard ES Monitor	AZ875A
	HP TFT7600 G2 KVM Console Rackmount Keyboard DK Monitor	AZ876A
	HP TFT7600 G2 KVM Console Rackmount Keyboard NO Monitor	AZ877A
	HP TFT7600 G2 KVM Console Rackmount Keyboard SE/FI Monitor	AZ878A
	HP TFT7600 G2 KVM Console Rackmount Keyboard CH Monitor	AZ879A
	HP TFT7600 G2 KVM Console Rackmount Keyboard PT Monitor	AZ880A
	HP TFT7600 G2 KVM Console Rackmount Keyboard BE Monitor	AZ881A
	HP TFT7600 G2 KVM Console Rackmount Keyboard JP Monitor	AZ882A
	HP TFT7600 G2 KVM Console Rackmount Keyboard RU Monitor	AZ883A
	HP TFT7600 G2 KVM Console Rackmount Keyboard Intl Monitor	AZ884A
	HP TFT7600 G2 KVM Console Rackmount Keyboard US TAA Monitor	AZ885A
HP Basic Distribution Units (bPDU)	**HP Basic Power Distribution Unit─1U/0U Version**	
	HP 1.9kVA 120 Volt L5-20 Input (12xNEMA 5-20R) NA/JP Basic PDU	H5M54A
	HP 3.6kVA 200-240 Volt Detachable C20 Input (12xC13) WW Basic PDU	H5M56A
	HP Basic Power Distribution Unit─Half Height Version	
	HP 2.8kVA 120 Volt L5-30 Input (18xNEMA 5-20R) NA/JP Basic PDU	H5M55A
	HP 3.6kVA 200-240 Volt Detachable C20 Input (18xC13) WW Basic PDU	H5M57A
	HP 4.9kVA 208 Volt L6-30 Input (20xC13) NA/JP Basic PDU	H5M58A
	HP 7.3kVA 230 Volt IEC309 32A Input (20xC13) INTL Basic PDU	H5M68A
	HP 8.6kVA 208 Volt L15-30 3-Phase Input (18xC13) NA/JP Basic PDU	H5M61A
	HP Basic Power Distribution Unit─Mid Height Version	
	HP 4.9kVA 208 Volt L6-30 Input (24xC13/6xC19) NA/JP Basic PDU	H5M59A
	HP 7.3kVA 230 Volt IEC309 32A Input (24xC13/6xC19) INTL Basic PDU	H5M70A
	HP 8.3kVA 208 Volt CS8265C Input (30xC13/6xC19) NA/JP Basic PDU	H5M60A
	HP 11kVA 230 Volt IEC309 63A Input (30xC13/6xC19) INTL Basic PDU	H5M71A
	HP Hardwired 200-240 Volt Input (30xC13/6xC19) WW Basic PDU	H5M75A
	HP 5.7kVA 208 Volt L21-20 3-Phase Input (24xC13/3xNEMA 5-20R) NA/JP Basic PDU	H5M63A
	HP 8.6kVA 208 Volt L21-30 3-Phase Input (24xC13/3xC19/3xNEMA 5-20R) NA/JP Basic PDU	H5M64A
	HP 8.6kVA 208 Volt L15-30 3-Phase Input (24xC13/6xC19) NA/JP Basic PDU	H5M62A

Related Options

HP 11kVA 400 Volt IEC309 16A 3-Phase Input (30xC13/6xC19) INTL Basic PDU	H5M72A
HP Basic Power Distribution Unit- Full Height Version	
HP 11kVA 400 Volt IEC309 16A 3-Phase Input (36xC13/6xC19) INTL Basic PDU	H5M73A
HP 11kVA 400 Volt IEC309 30A 3-Phase Input (36xC13/6xC19) NA Basic PDU	H5M67A
HP Basic Power Distribution Unit- 480/277 Volt Version	
HP 13.2kVA 480 Volt IEC309 30A 3-Phase Input (15 Outlet) NA Basic PDU	H3X07A
HP 19.9kVA 480 Volt IEC309 30A 3-Phase Input (30 Outlet) NA Basic PDU	H3X08A

NOTE- Additional HP Power Distribution Units are available. For a complete list of all HP PDUs and additional information- please visit http-//www.hp.com/go/pdu

HP Remote Monitored Power Distribution Units (mPDU)	**HP Remote Monitored Power Distribution Unit- 1U Version**	
	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
	HP Remote Monitored Power Distribution Unit- Half Height Version	
	HP 3.6kVA 200-240 Volt Detachable C20 Input (16xC13) WW Monitored PDU	D9N45A
	HP 4.9kVA 208 Volt L6-30 Input (12xC13) NA/JP Monitored PDU	G9Z05A
	HP 7.3kVA 230 Volt IEC309 32A Input (12xC13) INTL Monitored PDU	G9Z06A
	HP Remote Monitored Power Distribution Unit- Mid Height Version	
	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
	HP Remote Monitored Power Distribution Unit- Full Height Version	
	HP 8.3kVA 208 Volt CS8265C Input (30xC13/3xC19) NA Monitored PDU	D9N49A
	HP 7.3kVA 230 Volt IEC309 32A Input (32xC13/4xC19) INTL Monitored PDU	D9N50A
	HP 11kVA 400 Volt IEC309 16A 3-Phase Input (30xC13/3xC19) INTL Monitored PDU	D9N57A
	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 (30xC13/3xC19) NA Monitored PDU	D9N61A
	HP 17.3kVA 208 Volt IEC309 60A 3-Phase Input (24xC13/3xC19) NA/JP Monitored PDU	D9N54A
	HP 17.3kVA 208 Volt IEC309 60A 3-Phase Input (12xC13/12xC19) NA/JP Monitored PDU	D9N59A
	HP 22kVA 400 Volt IEC309 32A 3-Phase Input (12xC13/12xC19) INTL Monitored PDU	D9N60A
	HP 22kVA 400 Volt IEC309 32A 3-Phase Input (30xC13/3xC19) INTL Monitored PDU	D9N56A
	HP 16.6kVA 400 Volt IEC309 30A 3-Phase Input (12xC13/12xC19) NA Monitored PDU	D9N62A

Related Options

HP 19.9kVA 480 Volt 3-Phase (30 Outlet) NA Monitored PDU	D9N63A
HP Environmental Sensor for Remote Monitored PDUs	
HP Environmental Sensor for Remote Monitored PDUs	E2D53A

NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14669_div/14669_div.html (Worldwide)

HP Intelligent Power Distribution Unit (iPDU)	**HP 6 Outlet Intelligent Power Distribution Unit Cores**	
	HP 4.9kVA 24A Single Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF520A
	HP 8.3kVA 40A Single Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF521A
	HP 8.6kVA 24A Three Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF522A
	HP 14.4kVA 40A Three Phase NA/JP Intelligent Modular Power Distribution Unit	AF533A
	HP 17.3kVA 48A Three Phase NA/JP Core Intelligent Modular Power Distribution Unit	AF523A
	HP 11.4kVA 16A 415V Three Phase L22-20 NA Core Intelligent Power Distribution Unit	AF900A
	HP 17.3kVA 24A 415V Three Phase IEC309 NA Core Intelligent Power Distribution Unit	AF901A
	HP 7.3kVA 32A Single Phase INTL Core Intelligent Modular Power Distribution Unit	AF525A
	HP 11kVA 16A Three Phase INTL Core Intelligent Modular Power Distribution Unit	AF526A
	HP 22kVA 32A Three Phase INTL Core Intelligent Modular Power Distribution Unit	AF527A
	HP 12 Outlet Intelligent Power Distribution Unit Cores	
	HP 17.3kVA 48A 208V Three Phase 12 Outlet Core NA/JP Intelligent Power Distribution Unit	AF535A
	HP 17.3kVA 24A 415V Three Phase 12 Outlet Core NA/JP Intelligent Power Distribution Unit	AF537A
	HP 22kVA 32A 400V Three Phase 12 Outlet Core INTL Intelligent Power Distribution Unit	AF538A
	HP Intelligent Power Distribution Unit Extension Bar Kits	
	HP 5xC13 Intelligent PDU Extension Bar G2 Kit	AF547A

NOTE: Intelligent Extensions Bars have individually monitored outlets that are also individually switchable for power cycling attached equipment. Each individual C13 outlet has Power Line Communications to support Intelligent Power Discovery when connected to PLC enabled common slot power supplies.

HP 5xC13 Outlets Power and UID LEDs Pair Standard Extension Bar	AF528A

NOTE: Standard (non-intelligent) Extension Bars are monitored as a single load segment and do not support Intelligent Power Discovery AF528A

NOTE: Additional HP Power Distribution Units are available. For a complete list of all HP PDUs and additional information: please visit http://www.hp.com/go/pdu

Related Options

HP R1500 G3 Uninterruptible Power Supply (UPS)	HP R1.5kVA G3 1U NA Uninterruptible Power System	AF469A
	HP R1.5kVA G3 1U JP/TW Uninterruptible Power System	AF470A
	HP R1.5kVA G3 1U INTL Uninterruptible Power System	AF471A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14059_div/14059_div.html (Worldwide)	
HP R/T3000 G2 Uninterruptible Power System (UPS)	HP R/T3000 G2 2U L530 Low Voltage NA/JP Uninterruptible Power System	AF466A
	HP R/T3000 G2 2U L620 High Voltage NA/JP Uninterruptible Power System	AF467A
	HP R/T3000 G2 2U Detachable Cord High Voltage INTL Uninterruptible Power System	AF468A
	NOTE: Please see the QuickSpecs for additional information: http://h18000.www1.hp.com/products/quickspecs/14058_div/14058_div.html (Worldwide)	
HP R5000 Uninterruptible Power Systems (UPS)	HP R5KVA 3U L630 High Voltage NA/JP Uninterruptible Power System	AF460A
	HP R5KVA 3U IEC309-32A High Voltage INTL Uninterruptible Power System	AF461A
	NOTE: Please see the QuickSpecs additional information: http://h18000.www1.hp.com/products/quickspecs/14109_div/14109_div.html (Worldwide)	
HP R7000 Uninterruptible Power Systems (UPS)	HP R7KVA 4U 50A High Voltage NA/JP Uninterruptible Power System	AF462A
	HP R7KVA 4U IEC-32A High Voltage INTL Uninterruptible Power System	AF463A
	NOTE: Please see the QuickSpecs additional information: http://h18000.www1.hp.com/products/quickspecs/14110_div/14110_div.html (Worldwide)	
HP R12000/3 3 Phase Uninterruptible Power Systems (UPS)	HP R12000/3 12000VA Three Phase NA 6U Rackmount Uninterruptible Power System	AF429A
	HP R12000/3 12000VA Three Phase INTL 6U Rackmount Uninterruptible Power System	AF430A
	NOTE: Please see the QuickSpecs additional information: http://h18000.www1.hp.com/products/quickspecs/12857_div/12857_div.html (Worldwide)	

Related Options

HP 1x4 Console Switch	HP 1x4 USB/PS2 KVM Console Switch	AF611A
	HP 1x4 KVM Console 6ft PS2 Cable	AF612A
	HP 1x4 KVM Console 6ft USB Cable	AF613A

NOTE: USB cable required for supporting USB peripherals.

NOTE: Please see the QuickSpecs for additional information:
http://h18000.www1.hp.com/products/quickspecs/12662_div/12662_div.html
(Worldwide)

HP KVM Switch Options	**HP Server Console Switches**	
	HP Server Console 0x2x8 Port Analog Switch	AF616A
	HP Server Console 0x2x16 Port Analog Switch	AF617A
	HP TAA 0x2x16xKVM Server Console G2 Switch	AF626A

NOTE: Please see the QuickSpecs for additional information:
http://h18000.www1.hp.com/products/quickspecs/11834_div/11834_div.html
(Worldwide)

HP Server Console Switch G2 with Virtual Media & CAC

HP 0x2x16 KVM Server Console Switch G2 with Virtual Media CAC Software	AF618A
HP 0x2x32 KVM Server Console Switch G2 with Virtual Media CAC Software	AF619A
HP KVM Console PS2/USB Virtual Media CAC Interface Adapter	AF624A

NOTE: Requires PS/2 mouse and keyboard connections and one USB port on server.

HP KVM Console Serial/Power G2 Interface Adapter	AF625A

NOTE: VT100 True Serial.

NOTE: Please see the QuickSpecs for additional information:
http://h18000.www1.hp.com/products/quickspecs/13475_div/13475_div.html
(Worldwide)

HP IP Console Switch G2 with Virtual Media & CAC

HP 1x1Ex8 KVM IP Console Switch G2 with Virtual Media CAC Software	AF620A
HP 2x1Ex16 KVM IP Console Switch G2 with Virtual Media CAC Software	AF621A
HP 4x1Ex32 KVM IP Console Switch G2 with Virtual Media CAC Software	AF622A

Interface Adapters

HP KVM CAT5 1-pack PS/2 Interface Adapter	262588-B21
HP KVM CAT5 8-pack PS/2 Interface Adapter	262587-B21
KVM USB Cnsl Itfc Adapter 1PK ALL	336047-B21
HP KVM CAT5 1-pack Serial Interface Adapter	373035-B21

NOTE: Please see the QuickSpecs for additional information:
http://h18000.www1.hp.com/products/quickspecs/13474_div/13474_div.html
(Worldwide)

NOTE: Cat5e cables are required to connect Interface Adapters to Console Switches.
Cat5e cables can be found at the following URL: http://www.hp.com/go/kvm.

Related Options

NOTE: For additional information regarding KVM switches, Serial Console servers, rack mount monitors, keyboards and all related options please see the following URL: http://www.hp.com/go/kvm.

HP Care Pack Services	HP Install Rack and Rack Options Service	U2871E

HP Factory Express Services	HP Factory Express HW System Custom Service	HA838A1
	HP 3rd Party Component Install Service	HA844A1
	HP Cable Management-label Rack Service	HA850A1
	HP 3rd Party Drop in the Box Service	HA851A1
	HP Custom Placement within Rack Service	HA864A1

NOTE: HP Factory Express offers a full line of services. For more information visit http://www.hp.com/go/factoryexpress

Technical Specifications

HP 642 1075mm Pallet Intelligent Series Rack (BW903A)

Dimensions (HxDxW)	**Total Cabinet Area**	79.00 x 44.30 x 23.54 in (200.66 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	84.17 x 47.24 x 27.95 in (213.80 x 120.00 x 71.00 cm)
Weight	**Operating**	239 lb (109 kg)
	Shipping	275 lb (125 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO*	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 642 1075mm Shock Intelligent Series Rack (BW904A)

Dimensions (HxDxW)	**Total Cabinet Area**	79.00 x 44.30 x 23.54 in (200.66 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	85.35 x 50.87 x 35.43 in (216.80 x 129.20 x 90 cm)
Weight	**Operating**	243 lb (110 kg)
	Shipping	451 lb (205 kg)
	Shipping - Max CTO	2708 lb (1228.33 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO*	2500 lb (1134 kg)
Color	**Doors**	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 642 1075mm Crate Intelligent Series Rack (BW905A)

Dimensions (HxDxW)	**Total Cabinet Area**	79.00 x 44.30 x 23.54 in (200.66 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	83.00 x 46.50 x 32.00 in (210.82 x 118.10 x 81.28 cm)
Weight	**Operating**	239 lb (109 kg)
	Shipping	328 lb (149 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 642 1200mm Pallet Intelligent Series Rack (BW907A)

	Total Cabinet Area	79.00 x 51.19 x 23.54 in (200.66 x 130.02x 59.79 cm)
Dimensions (HxDxW)	**Shipping** (with packaging materials)	84.65 x 52.92 x 27.95 in (215.00 x 139.50x 71.00 cm)
Weight	**Operating**	301 lb (137 kg)
	Shipping	339 lb (154 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 642 1200mm Shock Intelligent Series Rack (BW908A and TK756A)

	Total Cabinet Area	79.00 x 51.19 x 23.54 in (200.66 x 130.02x 59.79 cm)
Dimensions (HxDxW)	**Shipping** (with packaging materials)	85.82 x 57.87 x 35.43 in (218.00 x 147.00 x 90 cm)
Weight	**Operating**	301 lb (137 kg)
	Shipping	531 lb (241 kg)
	Shipping - Max CTO	3220 lb (1460.57 kg)
Load	**Static***	3000 lb (1360.78 kg)
	Dynamic**	3000 lb (1360.78 kg)
	Dynamic CTO***	3000 lb (1360.78 kg)

Technical Specifications

Color	Doors (BW908A)	Black with Silver extrusion
	Doors (TK756A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW908A)	Black
	Frame (TK756A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 647 1075mm Pallet Intelligent Series Rack (BW911A)

Dimensions (HxDxW)	Total Cabinet Area	88.53 x 44.30 x 23.54 in (224.87 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	94.49 x 47.24 x 27.95 in (240.00 x 120.00x 71.00 cm)
Weight	Operating	264 lb (120 kg)
	Shipping	304 lb (138 kg)
Load	Static*	3000 lb (1360.78 kg)
	Dynamic**	2500 lb (1133.98 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	Doors	Black with Silver extrusion
	Frame	Black

HP 647 1075mm Shock Intelligent Series Rack (BW912A)

Dimensions (HxDxW)	Total Cabinet Area	88.53 x 44.30 x 23.54 in (224.87 x 112.52 x 59.79 cm)
	Shipping (with packaging materials)	95.67 x 50.98 x 35.43 in (243.00 x 129.50 x 90 cm)
Weight	Operating	271 lb (123 kg)
	Shipping	483 lb (220 kg)
	Shipping - Max CTO	2712 lb (1230.14 kg)
Load	Static*	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	2500 lb (1134 kg)
Color	Doors	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 647 1200mm Pallet Intelligent Series Rack (BW913A)

Dimensions (HxDxW)	**Total Cabinet Area**	88.53 x 51.19 x 23.54 in (224.87 x 130.02 x 59.79 cm)
	Shipping (with packaging materials)	94.49 x 54.92 x 27.95 in (240.00 x 133.60 x 71.00 cm)
Weight	**Operating**	321 lb (146 kg)
	Shipping	359 lb (163 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 647 1200mm Shock Intelligent Series Rack (BW914A and TK757A)

Dimensions (HxDxW)	**Total Cabinet Area**	88.53 x 51.19 x 23.54 in (224.87 x 130.02 x 59.79 cm)
	Shipping (with packaging materials)	95.28 x 57.87 x 35.43 in (242.00 x 147.00 x 90 cm)
Weight	**Operating**	321 lb (146 kg)
	Shipping	560 lb (255 kg)
	Shipping - Max CTO	3239 lb (1469.19 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	**Doors (BW914A)**	Black with Silver extrusion
	Doors (TK757A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW914A)	Black
	Frame (TK757A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

Technical Specifications

HP 636 1075mm Pallet Intelligent Series Rack (BW895A)

Dimensions (HxDxW)	**Total Cabinet Area**	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	Shipping (with packaging materials)	74.02 x 47.24 x 27.95 in (188.00 x 120.00 x 71.00 cm)
Weight	**Operating**	214 lb (97 kg)
	Shipping	250 lb (114kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 636 1075mm Shock Intelligent Series Rack (BW896A)

Dimensions (HxDxW)	**Total Cabinet Area**	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	Shipping (with packaging materials)	75.20 x 50.87 x 35.43 in (191.00 x 129.20 x 90.00 cm)
Weight	**Operating**	214 lb (97 kg)
	Shipping	428 lb (195 kg)
	Shipping - Max CTO	2708 lb (1228.33 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500lb (1134 kg)
	Dynamic CTO***	2500lb (1134 kg)
Color	**Doors**	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 636 1075mm Crate Intelligent Series Rack (BW897A)

Dimensions (HxDxW)	**Total Cabinet Area**	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	Shipping (with packaging materials)	72.52 x 46.50 x 28 in (184.20 x 118.1 x 71.1 cm)
Weight	**Operating**	214 lb (97 kg)
	Shipping	343 lb (156 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 636 1200mm Pallet Intelligent Series Rack (BW899A)

Dimensions (HxDxW)	**Total Cabinet Area**	68.84 x 51.19 x 23.54 in (174.86 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	74.02 x 52.92 x 27.95 in (188.00 x 139.50 x 71.00 cm)
Weight	**Operating**	282 lb (128 kg)
	Shipping	320 lb (145 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 636 1200mm Shock Intelligent Series Rack (BW900A)

Dimensions (HxDxW)	**Total Cabinet Area**	68.84 x 51.19 x 23.54 in (174.86 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	75.20 x 57.87 x 35.43 in (191.00 x 147.00 x 90.00 cm)
Weight	**Operating**	282 lb (128 kg)
	Shipping - Max CTO	514lb (234 kg)
	Shipping	3232lb (1466.01 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	**Doors**	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 642 1200mm Intelligent Series Air Duct Rack (BW910A and TK766A)

Dimensions (HxDxW)	**Total Cabinet Area**	78.97 x 51.19 x 23.54 in (200.59 x 130.01 x 59.78 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 35.43 in (216.8 x 147 x 90 cm)
Weight	**Operating**	345 lb (157 kg)
	Shipping	564 lb (256 kg)
	Shipping - Max CTO	3220lb (1466.01 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	**Doors (BW910A)**	Black with Silver extrusion
	Doors (TK766A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW910A)	Black
	Frame (TK766A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 647 1200mm Intelligent Series Air Duct Rack (BW936A and TK767A)

Dimensions (HxDxW)	**Total Cabinet Area**	88.50 x 51.19 x 23.54 in (224.79 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	95.67 x 57.87 x 35.43 in (243 x 147 x 90 cm)
Weight	**Operating**	360 lb (164 kg)
	Shipping	584 lb (265 kg)
	Shipping - Max CTO	3239 lb (1469.19 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	**Doors (BW936A)**	Black with Silver extrusion
	Doors (TK767A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW936A)	Black
	Frame (TK767A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

Technical Specifications

HP 842 1075mm Pallet Intelligent Series Rack (BW917A)

Dimensions (HxDxW)	**Total Cabinet Area**	79.00 x 44.30 x 31.41 in (200.66 x 112.52 x 79.78 cm)
	Shipping (with packaging materials)	84.17 x 47.95 x 35.83 in (213. 80 x 121.8 x 91 cm)
Weight	**Operating**	304 lb (138 kg)
	Shipping	357 lb (162 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO**	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 842 1075mm Shock Intelligent Series Rack (BW918A)

Dimensions (HxDxW)	**Total Cabinet Area**	79 x 44.30 x 31.41 in (200.66 x 112.52 x 79.78 cm)
	Shipping (with packaging materials)	85.35 x 53.83 x 43.43 in (216.80 x 129.10 x 110.30 cm)
Weight	**Operating**	304 lb (138 kg)
	Shipping	535 lb (255 kg)
	Shipping - Max CTO	3231 lb (1468.60 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	2500 lb (1134 kg)
	Dynamic CTO**	2500 lb (1134 kg)
Color	**Doors**	Black with Silver extrusion
	Frame	Black

HP 842 1200mm Pallet Intelligent Series Rack (BW919A)

Dimensions (HxDxW)	**Total Cabinet Area**	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.78 cm)
	Shipping (with packaging materials)	84.17 x 54.84 x 35.83 in (213.80 x 139.30 x 91 cm)
Weight	**Operating**	372 lb (169 kg)
	Shipping	427 lb (194 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO**	N/A - Does not ship configured
Color	**Doors**	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 842 1200mm Shock Intelligent Series Rack (BW920A and TK760A)

Dimensions (HxDxW)	**Total Cabinet Area**	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.78 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 43.43 in (216.80 x 147 x 110.30 cm)
Weight	**Operating**	372 lb (169 kg)
	Shipping	627 lb (285 kg)
	Shipping - Max CTO	3255 lb (1476.44 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO*	3000 lb (1361 kg)
Color	**Doors (BW920A)**	Black with Silver extrusion
	Doors (TK760A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW920A)	Black
	Frame (TK760A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

HP 642 1200mm Shock Intelligent Series Network Rack (BW966A)

Dimensions (HxDxW)	**Total Cabinet Area**	79 x 51.19 x 23.54 in (200.66 x 130.01 x 59.79 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 35.43 in (218.80 x 147 x 90 cm)
Weight	**Operating**	301 lb (137 kg)
	Shipping	531 lb (241 kg)
	Shipping - Max CTO	3230 lb (1465.10 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO*	3000 lb (1361 kg)
Color	**Doors**	Black with Silver extrusion
	Frame	Black

Technical Specifications

HP 842 1200mm Shock Intelligent Series Network Rack (BW968A and TK772A)

Dimensions (HxDxW)	**Total Cabinet Area**	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.79 cm)
	Shipping (with packaging materials)	85.35 x 57.87 x 43.43 in (218.80 x 147 x 110.30 cm)
Weight	**Operating**	381 lb (173 kg)
	Shipping	636 lb (289 kg)
	Shipping - Max CTO	3255 lb (1476.44 kg)
Load	**Static***	3000 lb (1361 kg)
	Dynamic**	3000 lb (1361 kg)
	Dynamic CTO***	3000 lb (1361 kg)
Color	**Doors (BW968A)**	Black with Silver extrusion
	Doors (TK772A)	RAL 7035 Light Grey with Silver extrusion
	Frame (BW968A)	Black
	Frame (TK772A)	RAL 7035 Light Grey (Black RETMA rails and frame inserts)

NOTES:

* Static weight capacity is the total weight capacity of all equipment installed the rack once placed in a datacenter and the leveling feet have been extended.

** Dynamic weight capacity is the total weight capacity of all equipment installed in the rack that can be rolled into place in a datacenter.

*** Dynamic weight capacity is the total weight capacity of all equipment installed in the rack that can be shipped.

Environment-friendly Products and Approach	**End-of-life Management and Recycling**	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 http://www.hp.com/go/green. To recycle your product, please go to http://www.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 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
09-Feb-2015	From Version 13 to 14	Added	Changed What's New to HP Rack LED Light Kit (BW939A) Added HP Rack LED Light to Related Options Section.
		Changed	Service and Support section was revised.
		Removed	Obsolete SKUs.
18-Aug-2014	From Version 12 to 13	Changed	Related Options section was revised.
10-Jun-2014	From Version 11 to 12	Added	Related options - Added HP Airflow Optimization.
		Changed	Related Options section was revised.
31-Mar-2014	From Version 10 to 11	Changed	Product descriptions were revised throughout Related Options.
18-Feb-2014	From Version 9 to 10	Changed	Color was revised throughout.