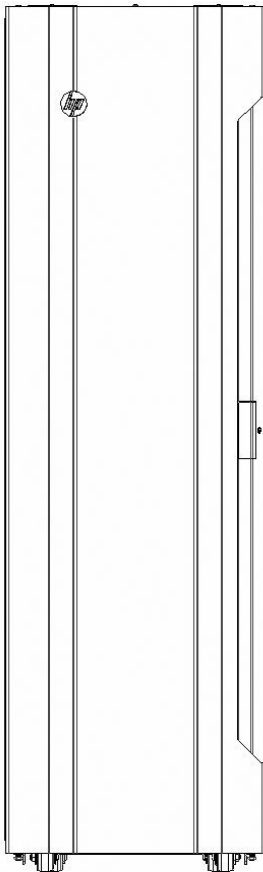


### Overview

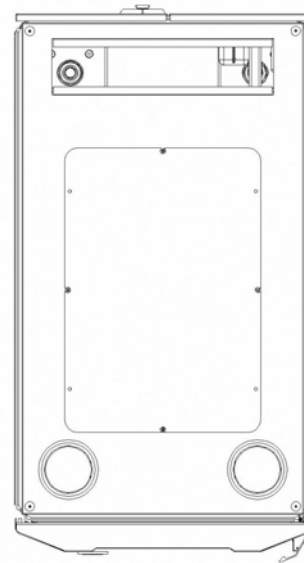
#### HP Intelligent Series Rack

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 now has selected models of the Intelligent Series racks available in the new light grey color to compliment any data center environment.

#### 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

### Overview

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

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**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

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**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.

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**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.

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**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

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**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

##### **HP Technology Services**

HP Technology Services offers you technical consultants and support expertise to solve your most complex infrastructure problems. We help keep your business running, boost availability, and avoid downtime.

##### **Protect your business beyond warranty with HP Care Pack Services**

When you buy HP Options, it's also a good time to think about what level of service you may need. HP Care Pack services provide total care and support expertise with committed response choices designed to meet your IT and business need.

HP Foundation Care services deliver scalable support-packages for HP industry-standard servers and software. You can choose the type and level of service that is most suitable for your business needs. New to this portfolio is HP Collaborative Support. If you are running business critical environments, HP offers Proactive Care or Critical Advantage. These services help you deliver high levels of application availability through proactive service management and advanced technical response.

Here is the support service recommendation from the Foundation Care and Proactive Care portfolio. For customized support service solution, HP can work with you to tailor a service solution for your unique support requirements using broader services portfolio of Foundation Care and Proactive Care.

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### **Recommended HP Care Pack Services for optimal satisfaction with your HP product**

#### **Recommended Services**

##### **3-Year HP 24x7 4 hour Response, Hardware Support Onsite Service**

Provides you with rapid remote support and if required an HP authorized representative who will arrive on site any time and day of the year to begin hardware maintenance service within 4 hours of the service request being logged.

<http://h20195.www2.hp.com/V2/GetPDF.aspx/5982-6547EEE.pdf>

**OR**

##### **3-Year HP 24x7 4 hour Response, HP Collaborative Support**

Offers customers a single point of contact for server problem diagnosis, hardware problem resolution, and basic software problem diagnosis, fault isolation, and resolution if available to HP. If the problem is with HP HW, the representative will arrive on site any time and day of the year to begin hardware maintenance service within 4 hours of the service request being logged. In case, the issue is with HP or supported third-party software product and cannot be resolved by applying known fixes, HP will contact the third-party vendor and create a problem incident on your behalf.

##### **HP ProLiant Server Hardware Installation**

Provides for the basic hardware installation of HP branded servers, storage devices and networking options to assist you in bringing your new hardware into operation in a timely and professional manner.

<http://h20195.www2.hp.com/V2/GetPDF.aspx/5981-9356EN.pdf>

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### **Related HP Care Pack Services to enhance your HP product experience**

#### **Related Services**

##### **3-Year HP 24x7 4 hour Response, Proactive Care or Critical Advantage**

Helps optimize your systems and delivers high levels of application availability through proactive service management and advanced technical response. A skilled Technical Manager will own your query or issue end to end until resolved, delivering a single point of contact for you

<http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-2140ENW.pdf>

**OR**

### Service and Support

#### **3-Year HP 6-hour Onsite Call-to-Repair, HP Collaborative Support**

Offers customers a single point of contact for server problem diagnosis, hardware problem resolution to return the hardware in operating condition within 6 hours of the initial service request to the HP Global Solution Center, and basic software problem diagnosis, fault isolation, and resolution if available to HP. In case, the issue is with HP or supported third-party software product and cannot be resolved by applying known fixes, HP will contact the third-party vendor and create a problem incident on your behalf.

#### **HP Proactive Select Service**

Provides a flexible way to purchase HP best-in-class consultancy and technical services. You can buy Proactive Select Service Credits when you purchase your hardware and then use the credits over the next 12 months.

<http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-3842ENN.pdf>

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**Insight Remote Support** Provides 24 X 7 remote monitoring, proactive notifications, and problem resolution. Learn more <http://www.hp.com/go/insightremotesupport>

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**HP Support Center** Personalized online support portal with access to information, tools and experts to support HP business products. Submit support cases online, chat with HP experts, access support resources or collaborate with peers. Learn more <http://www.hp.com/go/hpsc>

HP's Support Center Mobile App\* allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime. HP Insight Remote Support and HP Support Center are available at no additional cost with a HP warranty, HP Care Pack or HP contractual support agreement.

\*HP Support Center Mobile App is subject to local availability

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**Parts and materials** HP will provide HP-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. Supplies and consumable parts will not be provided as part of this service; standard warranty terms and conditions apply. Parts and components that have exceeded their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual or the technical product data sheet will not be provided, repaired or replaced as part of this service.

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**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.

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**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.

<b>HP Location Discovery Kits</b>	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
<p><b>NOTE:</b> Location Discovery Services requires iLO Advanced v1.20 or greater. Advanced integration with Insight Control requires Insight Control version 7.1.1 or greater.</p> <p><b>NOTE:</b> Contact covers protect Location Discovery strip contacts in unused rack U space locations. Each Contact Cover Kit contains 25 covers.</p> <p><b>NOTE:</b> For additional information on HP Discovery Services please go to <a href="http://www.hp.com/go/discoveryservices">www.hp.com/go/discoveryservices</a></p>		
<b>HP Baying Kits</b>	HP Rack Baying Kit	BW902A
	<p><b>NOTE:</b> This kit can be used to connect HP racks of the same U height and depth together.</p> HP 1075-1200mm Offset Baying Kit	BW941A
	<p><b>NOTE:</b> This kit can be used to connect 42U 1075mm to 42U 1200mm racks.</p> HP 1M-1075mm Offset Baying Kit	BW952A
<p><b>NOTE:</b> 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.</p>		
<b>HP Airflow Optimization</b>	HP Air Flow Optimization Kit <p><b>NOTE:</b> 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.</p> <p><b>NOTE:</b> 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.</p>	BW930A
<b>HP Sidewall Panel Kits</b>	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
<p><b>NOTE:</b> The lightweight, locking side panels for the Intelligent Series racks come in 3 sections for better handling</p>		
<b>HP Rack Stabilization Kits</b>	HP 600mm Rack Stabilizer Kit	BW932A
	HP 600mm Heavy Duty V2 Stabilizer Kit	BW961A

### Related Options

	HP 800mm Rack Stabilizer Kit	BW933A
	HP 9000 and 10000 Rack Ballast Kit	120672-B21
	<p><b>NOTE:</b> 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.</p> <p><b>NOTE:</b> 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.</p>	
<b>HP Tie Down Kit</b>	HP 600m Rack Tie Down Kit	BW926A
	<p><b>NOTE:</b> 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.</p>	
	HP 800mm Rack Tie Down Kit	BW927A
	<p><b>NOTE:</b> 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.</p>	
<b>HP Universal 1U Filler Panels</b>	HP 1U 10-pack Black Universal Filler Panel	BW928A
	HP 1U 100-pack Black Universal Filler Panel	BW929A
	<p><b>NOTE:</b> 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.</p> <p><b>NOTE:</b> OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>HP Rack Shelves</b>	HP 10000 Rack 1U Monitor Utility Shelf	253449-B21
	HP 100kg Sliding Shelf	234672-B21
<b>HP Locking Drawer</b>	HP 2U Universal Locking Drawer	361591-B21
	<p><b>NOTE:</b> 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.</p> <p><b>NOTE:</b> OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
<b>HP Cable Management Kits</b>	HP Quarter Turn Hook and Loop 10 Pack Kit	BW963A
	HP Quarter Turn Hook and Loop 100 Pack Kit	BW964A
	<p><b>NOTE:</b> Quarter turn hook and loop straps attach to the accessory bracket in the rear of the rack without tools.</p> <p><b>NOTE:</b> OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	
	Compaq Cable Management D Rings	168233-B21
	HP Rack Cable Management Velcro Clips	379820-B21
	HP Rack Cable Management Kit	AF099A
	<p><b>NOTE:</b> 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</p>	
<b>HP Rack Top Cable Trays</b>	HP 600 Wide Rack Top Cable Tray	383982-B21
	HP 800 Wide Rack Top Cable Tray	383983-B21



### Related Options

	<p>HP Rack Top Cable Mgmt Transfer Tray  <b>NOTE:</b> HP Rack Top Cable Tray connects two aisles of racks with HP Rack Top Cable Trays to run overhead cables</p>	383984-B21
<b>HP Rack Top Fan kits</b>	<p>HP 10000 Rack Roof Mount Fan (110V) Kit            HP 10000 Rack Roof Mount Fan (220V) Kit</p>	<p>257413-B21            257414-B21</p>
<b>HP Grounding Kit</b>	<p>HP Rack Grounding Kit  <b>NOTE:</b> OD1 may appear after the above selected part numbers on yours sales order if factory integration is indicated.</p>	BW891A
<b>HP Rack Air Duct Kits</b>	<p>HP Air Duct Kit            HP Grey Air Duct Kit  <b>NOTE:</b> 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.</p>	<p>BW937A            TK770A</p>
<b>HP Hardware Kit</b>	<p>HP Rack Hardware Kit  <b>NOTE:</b> 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.</p>	H6J85A
<b>HP Adjustable Rails</b>	Depth Adjustable Fixed Rail Kit	332558-B21
<b>HP Rack Branding Kit</b>	HP Custom Door Branding Kit	BW935A
<b>HP Intelligent Series Door</b>	<p>HP 42U Front Door Kit  <b>NOTE:</b> 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.</p>	BW934A
<b>HP Keyboard and Monitors</b>	<p><b>HP TFT7600 G2 KVM Console and Monitor (TFT7600 G2)</b>            HP TFT7600 G2 KVM Console Rackmount Keyboard US Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard UK Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard DE Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard FR Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard IT Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard ES Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard DK Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard NO Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard SE/FI Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard CH Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard PT Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard BE Monitor            HP TFT7600 G2 KVM Console Rackmount Keyboard JP Monitor</p>	<p>AZ870A            AZ871A            AZ872A            AZ873A            AZ874A            AZ875A            AZ876A            AZ877A            AZ878A            AZ879A            AZ880A            AZ881A            AZ882A</p>

### Related Options

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
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 [www.hp.com/go/pdu](http://www.hp.com/go/pdu)

#### HP Remote Monitoring 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 (20xC13/4xC19) NA/JP Monitored PDU	D9N47A
HP 7.3kVA 230 Volt IEC309 32A Input (20xC13/4xC19) INTL Monitored PDU	D9N48A
HP 8.6kVA 208 Volt L15-30 3-Phase Input (18xC13/3xC19) NA/JP Monitored PDU	D9N51A

##### HP 8.6kVA 208 Volt Three Phase 21 Outlet NA/JP Monitored Power Distribution Unit

HP 5.7kVA 208 Volt L21-20 3-Phase Input (18xC13/3xNEMA 5-20R) NA/JP Monitored PDU	D9N52A
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### Related Options

HP 8.6kVA 208 Volt L21-30 3-Phase Input (20xC13/3xC19/3xNEMA 5-20R) NA/JP Monitored PDU	D9N53A
HP 11kVA 400 Volt IEC309 16A 3-Phase Input (18xC13/3xC19) INTL Monitored PDU	D9N55A
<b>HP Remote Monitored Power Distribution Unit: Full Height Version</b>	
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
HP 19.9kVA 480 Volt 3-Phase (30 Outlet) NA Monitored PDU	D9N63A
<b>HP Environmental Sensor for Remote Monitored PDUs</b>	
HP Environmental Sensor for Remote Monitored PDUs	E2D53A
<b>NOTE:</b> Please see the QuickSpecs for additional information: <a href="http://h18000.www1.hp.com/products/quickspecs/14669_div/14669_div.html">http://h18000.www1.hp.com/products/quickspecs/14669_div/14669_div.html</a> (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 L22-30 NA Core Intelligent Power Distribution Unit	AF902A
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
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**NOTE:** Intelligent Extensions Bars have individually monitored outlets that are also

### Related Options

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 [www.hp.com/go/pdu](http://www.hp.com/go/pdu)

#### 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](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](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](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](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](http://h18000.www1.hp.com/products/quickspecs/12857_div/12857_div.html)  
(Worldwide)

#### 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](http://h18000.www1.hp.com/products/quickspecs/12662_div/12662_div.html)  
(Worldwide)

### Related Options

<b>HP KVM Switch Options</b>	<p><b>HP Server Console Switches</b></p> <p>HP Server Console 0x2x8 Port Analog Switch AF616A</p> <p>HP Server Console 0x2x16 Port Analog Switch AF617A</p> <p>HP TAA 0x2x16xKVM Server Console G2 Switch AF626A</p> <p><b>NOTE:</b> Please see the QuickSpecs for additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/11834_div/11834_div.html">http://h18000.www1.hp.com/products/quickspecs/11834_div/11834_div.html</a>          (Worldwide)</p> <p><b>HP Server Console Switch G2 with Virtual Media &amp; CAC</b></p> <p>HP 0x2x16 KVM Server Console Switch G2 with Virtual Media CAC Software AF618A</p> <p>HP 0x2x32 KVM Server Console Switch G2 with Virtual Media CAC Software AF619A</p> <p>HP KVM Console PS2/USB Virtual Media CAC Interface Adapter AF624A</p> <p><b>NOTE:</b> Requires PS/2 mouse and keyboard connections and one USB port on server.</p> <p>HP KVM Console USB Virtual Media CAC Interface Adapter AF623A</p> <p>HP KVM Console Serial/Power G2 Interface Adapter AF625A</p> <p><b>NOTE:</b> VT100 True Serial.</p> <p><b>NOTE:</b> Please see the QuickSpecs for additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/13475_div/13475_div.html">http://h18000.www1.hp.com/products/quickspecs/13475_div/13475_div.html</a>          (Worldwide)</p> <p><b>HP IP Console Switch G2 with Virtual Media &amp; CAC</b></p> <p>HP 1x1Ex8 KVM IP Console Switch G2 with Virtual Media CAC Software AF620A</p> <p>HP 2x1Ex16 KVM IP Console Switch G2 with Virtual Media CAC Software AF621A</p> <p>HP 4x1Ex32 KVM IP Console Switch G2 with Virtual Media CAC Software AF622A</p> <p><b>Interface Adapters</b></p> <p>HP KVM CAT5 1-pack PS/2 Interface Adapter 262588-B21</p> <p>HP KVM CAT5 8-pack PS/2 Interface Adapter 262587-B21</p> <p>HP KVM CAT5 1-pack USB Interface Adapter 336047-B21</p> <p>HP KVM CAT5 1-pack Serial Interface Adapter 373035-B21</p> <p><b>NOTE:</b> Please see the QuickSpecs for additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/13474_div/13474_div.html">http://h18000.www1.hp.com/products/quickspecs/13474_div/13474_div.html</a>          (Worldwide)</p> <p><b>NOTE:</b> Cat5e cables are required to connect Interface Adapters to Console Switches. Cat5e cables can be found at the following URL: <a href="http://www.hp.com/go/kvm">http://www.hp.com/go/kvm</a>.</p> <p><b>NOTE:</b> For additional information regarding KVM switches, Serial Console servers, rack mount monitors, keyboards and all related options please see the following URL: <a href="http://www.hp.com/go/kvm">http://www.hp.com/go/kvm</a>.</p>	
<b>HP Care Pack Services</b>	HP Install Rack and Rack Options Service	U2871E
<b>HP Factory Express Services</b>	<p>HP Factory Express HW System Custom Service HA838A1</p> <p>HP 3rd Party Component Install Service HA844A1</p> <p>HP Cable Management-label Rack Service HA850A1</p> <p>HP 3rd Party Drop in the Box Service HA851A1</p> <p>HP Custom Placement within Rack Service HA864A1</p> <p><b>NOTE:</b> HP Factory Express offers a full line of services. For more information visit <a href="http://www.hp.com/go/factoryexpress">www.hp.com/go/factoryexpress</a></p>	

### Technical Specifications

#### HP 642 1075mm Pallet Intelligent Series Rack (BW903A)

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

#### HP 642 1075mm Shock Intelligent Series Rack (BW904A)

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

#### HP 642 1075mm Crate Intelligent Series Rack (BW905A)

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

#### HP 642 1200mm Pallet Intelligent Series Rack (BW907A)

<b>Dimensions</b> (HxDxW)	<b>Total Cabinet Area</b>	79.00 x 51.19 x 23.54 in (200.66 x 130.02x 59.79 cm)
	<b>Shipping</b> (with packaging materials)	84.65 x 52.92 x 27.95 in (215.00 x 139.50x 71.00 cm)
<b>Weight</b>	<b>Operating</b>	301 lb (137 kg)
	<b>Shipping</b>	339 lb (154 kg)
<b>Load</b>	<b>Static*</b>	3000 lb (1361 kg)

### Technical Specifications

<b>Color</b>	<b>Dynamic**</b>	3000 lb (1361 kg)
	<b>Dynamic CTO***</b>	N/A - Does not ship configured
	<b>Doors</b>	Black with Silver extrusion
	<b>Frame</b>	Black

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

<b>Dimensions (HxDxW)</b>	<b>Total Cabinet Area</b>	79.00 x 51.19 x 23.54 in (200.66 x 130.02x 59.79 cm)
	<b>Shipping (with packaging materials)</b>	85.82 x 57.87 x 35.43 in (218.00 x 147.00 x 90 cm)
<b>Weight</b>	<b>Operating</b>	301 lb (137 kg)
	<b>Shipping</b>	531 lb (241 kg)
	<b>Shipping - Max CTO</b>	3220 lb (1460.57 kg)
<b>Load</b>	<b>Static*</b>	3000 lb (1360.78 kg)
	<b>Dynamic**</b>	3000 lb (1360.78 kg)
	<b>Dynamic CTO***</b>	3000 lb (1360.78 kg)
<b>Color</b>	<b>Doors (BW908A)</b>	Black with Silver extrusion
	<b>Doors (TK756A)</b>	RAL 7035 Light Grey with Silver extrusion
	<b>Frame (BW908A)</b>	Black
	<b>Frame (TK756A)</b>	RAL 7035 Light Grey (Black RETMA rails and frame inserts )

### HP 647 1075mm Pallet Intelligent Series Rack (BW911A)

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

### HP 647 1075mm Shock Intelligent Series Rack (BW912A)

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

### Technical Specifications

#### HP 647 1200mm Pallet Intelligent Series Rack (BW913A)

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

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

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

#### HP 636 1075mm Pallet Intelligent Series Rack (BW895A)

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

#### HP 636 1075mm Shock Intelligent Series Rack (BW896A)

<b>Dimensions</b> (HxDxW)	<b>Total Cabinet Area</b>	68.84 x 44.30 x 23.54 in (174.86 x 112.51 x 59.79 cm)
	<b>Shipping</b> (with packaging materials)	75.20 x 50.87 x 35.43 in (191.00 x 129.20 x 90.00 cm)
<b>Weight</b>	<b>Operating</b>	214 lb (97 kg)
	<b>Shipping</b>	428 lb (195 kg)



### Technical Specifications

<b>Load</b>	<b>Shipping - Max CTO</b>	2708 lb (1228.33 kg)
	<b>Static*</b>	3000 lb (1361 kg)
	<b>Dynamic**</b>	2500lb (1134 kg)
	<b>Dynamic CTO***</b>	2500lb (1134 kg)
<b>Color</b>	<b>Doors</b>	Black with Silver extrusion
	<b>Frame</b>	Black

### HP 636 1075mm Crate Intelligent Series Rack (BW897A)

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

### HP 636 1200mm Pallet Intelligent Series Rack (BW899A)

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

### HP 636 1200mm Shock Intelligent Series Rack (BW900A)

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

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

### Technical Specifications

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

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

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

### HP 842 1075mm Pallet Intelligent Series Rack (BW917A)

<b>Dimensions (HxDxW)</b>	<b>Total Cabinet Area</b>	79.00 x 44.30 x 31.41 in (200.66 x 112.52 x 79.78 cm)
	<b>Shipping</b> (with packaging materials)	84.17 x 47.95 x 35.83 in (213.80 x 121.8 x 91 cm)
<b>Weight</b>	<b>Operating</b>	304 lb (138 kg)
	<b>Shipping</b>	357 lb (162 kg)
<b>Load</b>	<b>Static*</b>	3000 lb (1361 kg)
	<b>Dynamic**</b>	2500 lb (1134 kg)
	<b>Dynamic CTO***</b>	N/A - Does not ship configured
<b>Color</b>	<b>Doors</b>	Black with Silver extrusion
	<b>Frame</b>	Black

### HP 842 1075mm Shock Intelligent Series Rack (BW918A)

<b>Dimensions (HxDxW)</b>	<b>Total Cabinet Area</b>	79 x 44.30 x 31.41 in (200.66 x 112.52 x 79.78 cm)
	<b>Shipping</b> (with packaging materials)	85.35 x 53.83 x 43.43 in (216.80 x 129.10 x 110.30 cm)
<b>Weight</b>	<b>Operating</b>	304 lb (138 kg)

### Technical Specifications

	<b>Shipping</b>	535 lb (255 kg)
	<b>Shipping - Max CTO</b>	3231 lb (1468.60 kg)
<b>Load</b>	<b>Static*</b>	3000 lb (1361 kg)
	<b>Dynamic**</b>	2500 lb (1134 kg)
	<b>Dynamic CTO***</b>	2500 lb (1134 kg)
<b>Color</b>	<b>Doors</b>	Black with Silver extrusion
	<b>Frame</b>	Black

### HP 842 1200mm Pallet Intelligent Series Rack (BW919A)

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

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

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

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

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

### Technical Specifications

	Frame	Black
<b>HP 842 1200mm Shock Intelligent Series Network Rack (BW968A and TK772A)</b>		
<b>Dimensions (HxDxW)</b>	<b>Total Cabinet Area</b>	79 x 51.19 x 31.41 in (200.66 x 130.01 x 79.79 cm)
	<b>Shipping (with packaging materials)</b>	85.35 x 57.87 x 43.43 in (218.80 x 147 x 110.30 cm)
<b>Weight</b>	<b>Operating</b>	381 lb (173 kg)
	<b>Shipping</b>	636 lb (289 kg)
	<b>Shipping - Max CTO</b>	3255 lb (1476.44 kg)
<b>Load</b>	<b>Static*</b>	3000 lb (1361 kg)
	<b>Dynamic**</b>	3000 lb (1361 kg)
	<b>Dynamic CTO***</b>	3000 lb (1361 kg)
<b>Color</b>	<b>Doors (BW968A)</b>	Black with Silver extrusion
	<b>Doors (TK772A)</b>	RAL 7035 Light Grey with Silver extrusion
	<b>Frame (BW968A)</b>	Black
	<b>Frame (TK772A)</b>	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.

<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.

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 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.
09-Dec-2013	From Version 8 to 9	Changed	<p>Added What's New section to read:</p> <p>New light grey Intelligent Series racks. With the desire to reduce operational expenses as much as possible HP now has selected models of the Intelligent Series racks available in the new light grey color. Lighter colored racks are known to reflect more ambient light thus reducing the amount of power needed to maintain usable lighting in the datacenter.</p>
24-Aug-2013	From Version 7 to 8	Changed	Changes made to correct the Related Options sections.
23-Aug-2013	From Version 6 to 7	Changed	Changes made to correct the Related Options sections.
19-Aug-2013	From Version 5 to 6	Changed	Changes made to correct the North America version.
16-Aug-2013	From Version 4 to 5	Changed	<p>Changes made in the following sections</p> <p>Overview</p> <p>Standard Features</p> <p>Related Options</p>
04-Dec-2012	From Version 3 to 4	Changed	Changes made throughout the entire QuickSpec.
24-Sep-2012	From Version 2 to 3	Changed	Changes made throughout the entire QuickSpec.
04-Jun-2012	From Version 1 to 2	Changed	Changes made throughout the entire QuickSpec.

### Summary of Changes

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