

DELL™ UPS RACK HIGH EFFICIENCY ONLINE



THE DELL HIGH EFFICIENCY LINE OF RACK UPS PRODUCTS UNLEASHES THE BEST COMBINATION OF HIGH EFFICIENCY AND RELIABILITY FOR POWER BACKUP OF CRITICAL IT EQUIPMENT WHILE SIMPLIFYING UPS SELECTION, DEPLOYMENT, AND MONITORING.

POWER BACKUP, POWER CONDITIONING, AND SIMPLIFIED UPS SELECTION, INSTALLATION, AND MONITORING

The Dell UPS High Efficiency Online products deliver reliable power protection and power conditioning for rack-based IT, PBX and VoIP telecommunication equipment. Dell rates all UPS models in wattage so you can easily select the best UPS model required for your IT environment. Dell UPS Rack models for four-post racks ship with tool-less rail kits that install effortlessly. And only Dell UPS systems feature the same feature-rich graphical LCD display as our Dell servers.

FEATURES

- Protects against downtime, data loss and process interruption by providing continuous, clean power
- Enables prolonged runtime of essential equipment during power outages by allowing for orderly, remote shutdown of non-critical systems or processes
- Provides installation flexibility with a choice of rack or tower designs, both conserving valuable space
- Cuts energy usage and costs with 95% or greater efficiency rating in high efficiency mode, while maintaining normal surge and EMI suppression capabilities
- Conserves valuable rack space with minimal U-space requirements and a easy-to-install 4-post rail kit
- Simplifies UPS monitoring and management with a bright multi-language LCD user interface and intuitive power management software
- Increases battery service life and system uptime with ABM® battery-charging technology and hot-swappable batteries
- Maximizes runtimes with optional extended battery module (EBM)
- Ensures data and system integrity with Dell UPS power management software
- Provides a three-year limited warranty

DOUBLE-CONVERSION DESIGN FOR SUPERIOR POWER PROTECTION

The Dell UPS is constantly monitoring power conditions—regulating both voltage and frequency. Even when presented with the most severe power problems, this UPS product's output remains within three percent of nominal voltage. With a wide input voltage range, the Dell UPS does not depend on batteries to smooth out minor power fluctuations. Batteries are conserved for those times when utility power is highly unstable or completely out. If an outage occurs, the Dell UPS transfers to battery with zero interruption in power, making this an ideal UPS for sensitive and critical equipment.

STRONGER, LONGER BATTERY LIFE WITH EXCLUSIVE ABM TECHNOLOGY

Most UPS manufacturers on the market today employ a constant 'trickle-charging' system, which can ultimately reduce potential battery service life by as much as 50 percent. In contrast, ABM technology uses sophisticated sensing circuitry and an innovative three-stage charging technique that significantly extends UPS batteries' useful service life while optimizing their recharge time. The Dell UPS provides up to 60 days' notice of the end of useful battery service life. You have ample time to hot-swap batteries without ever having to shut down connected equipment.

EXTERNAL BATTERY MODULE FOR EXTENDED RUNTIME

During a power outage, internal batteries in the Dell UPS keep loads running long enough to gracefully shut down systems. Prolong runtime at any time by adding an external battery module to run systems for hours if necessary. This battery module is hot-swappable and can be replaced at any time without powering down the UPS or protected loads. You can also start up the UPS and power its loads with battery power.

ENERGY SAVING MODE

The Dell High Efficiency Online Rack UPS can turn off output power while in battery mode at various power levels which are user selectable to conserve UPS battery energy.

INTUITIVE, VISUAL UPS MONITORING AND LOCAL MANAGEMENT

Only Dell UPS systems feature the same feature-rich graphical LCD display as Dell servers. The intuitive LCD displays real-time load, actual battery runtime and service fault description. The unit provides valuable monitoring and troubleshooting information without requiring users to log into a networked monitoring station. An on-site user can configure and monitor many features of the Dell UPS using a large, bright, backlit display with easy navigation—available in nine languages. The Dell UPS systems use the same color coding as Dell servers, and when the UPS has a critical alarm, the LCD changes background color from blue to red.

FLASH UPGRADE FIRMWARE

As a feature throughout the entire line, Dell UPS products allow flash upgrades to individual and multiple Dell UPS models. Using Dell UPS Network Management Card (NMC) over the network or through local ports, you may control, query and conduct flash upgrades. Local updates can also be done to the individual devices (UPS and NMC) via the local ports of the respective devices.

MODEL DESCRIPTION	VOLTAGE INPUT & OUTPUT	INPUT CONNECTION	OUTPUT RECEPTACLES	DIMENSIONS H X W X D, IN (MM)	WEIGHT, LB (KG)
NORTH AMERICAN MODELS: 120V & 208V, 50/60HZ					
Short Depth Rack 2700W High Efficiency Online	120	L5-30P	(1) L5-20R, (2) 5-20/15R*, (2) C13	6.75x17.2x17 (171x438x433)	79.3 (36)
Short Depth Rack 2700W High Efficiency Online	208	L6-20P ²	(2) L6-30R, (1) L6-20R	6.75x17.2x17 (171x438x433)	77.1 (35)
Rack 3750W High Efficiency Online	208	L6-30P	(1) L6-30R, (2) L6-20R, (2) C19	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack 4200W High Efficiency Online	208	Hardwired	(1) L6-30R, (2) L6-20R, (4) C19	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack 5600W High Efficiency Online	208	Hardwired	(2) L6-30R, (4) C19	Call for details	Call for details
INTERNATIONAL MODELS: 230V, 50/60HZ					
Short Depth Rack 2700W High Efficiency Online	220/230/240	C20	(1) C19, (8) C13	6.75x17.2x17 (171x438x433)	77.1 (35)
Rack 3750W High Efficiency Online	220/230/240	Hardwired	(2) C19, (8) C13	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack 4200W High Efficiency Online	220/230/240	Hardwired	(4) C19, (6) C13	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack 5600W High Efficiency Online	220/230/240	Hardwired	(4) C19, (6) C13	Call for details	Call for details
JAPAN MODELS: 100V - 200V, 50/60HZ					
Short Depth Rack 2700W High Efficiency Online	200	L6-20P ²	2) L6-30R, (1) L6-20R	6.75x17.2x17 (171x438x433)	77.1 (35)
Rack	200	L6-30P	(1) L6-30R, (2) L6-20R, (2) C19	6.75x17.2x31.1 (171x438x790)	140.8 (64)
1920/1500W	200	Hardwired	(1) L6-30R, (2) L6-20R, (4) C19	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack/Tower 2700/2300W	200	Hardwired	(2) L6-30R, (4) C19	Call for details	Call for details
GLOBAL MODELS: 208V, 50/60HZ					
Short Depth Rack 2700W High Efficiency Online	208	L6-20P ²	(2) L6-30R, (1) L6-20R	6.75x17.2x17 (171x438x433)	77.1 (35)
Rack 3750W High Efficiency Online	208	L6-30P	(1) L6-30R, (2) L6-20R, (2) C19	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack 4200W High Efficiency Online	208	Hardwired	(1) L6-30R, (2) L6-20R, (4) C19	6.75x17.2x31.1 (171x438x790)	140.8 (64)
Rack 5600W High Efficiency Online	208	Hardwired	(2) L6-30R, (4) C19	Call for details	Call for details

* Accepts 5-20 and 5-15 type plugs.

¹ Input connection IEC-320-C20.

² Input connection IEC-320-C20.

³ Input cords included: One (1) C13 to C14 (China, Korea, Australia) and one (1) C13 to C14 (North America, Europe).

⁴ Input cords included: One (1) C19 to C20 (Europe, Australia) and one (1) C19 to C20 (China).

⁵ These models are not line interactive, but Online Double Conversion models detailed in a complimentary Dell spec sheet.

