

# DELL™ UPS



**DELL HIGH-EFFICIENT LINE OF TOWER AND RACK UPS PROVIDES RELIABLE, VITAL POWER BACKUP OF IT EQUIPMENT WHILE SIMPLIFYING UPS SELECTION, INSTALLATION, AND MONITORING PROCESSES.**

### **SIMPLIFYING UPS SELECTION, INSTALLATION, AND MONITORING**

The Dell UPS offering delivers cost-effective power protection for rack-based IT, PBX and VoIP telecommunication equipment. Featuring a Dell design and built on core technology from power management industry-leader Eaton, Dell UPS products deliver superior customer experience. Dell rates UPS models by wattage to more easily select the best UPS model required for an IT environment. Dell UPS Rack models for four-post racks ship with tool-less rail kits that install effortlessly. Only Dell UPS systems feature the same feature-rich graphical LCD display as the Dell servers.

### **BUILT TO RUN AT 95% OR MORE EFFICIENCY: CUTS ENERGY USAGE AND COSTS**

Dell line-interactive UPS products (500W to 5600W) are most effective against the five most common power problems – power failures, power sags, power surges, under-voltage – and offer a degree of protection against other power problems. The Dell UPS are built to run at 95 to 98 percent efficiency. A more efficient UPS consumes less power, dissipates less heat and reduces cooling costs.

Dell on-line double conversion UPS models (2700W to 5600W) provide both power backup and power conditioning. 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.

### **SIMPLIFIED UPS SELECTION PROCESS: ALLOWS EASIER, FASTER, AND MORE ACCURATE UPS DEPLOYMENT**

Dell is the first leading UPS provider to rate UPS models by only wattage to make it easier to choose the best UPS model for your environment. Previously, UPS rating was expressed primarily in volt ampere which can often lead to confusion in UPS sizing since watt and VA ratings can differ significantly for computer equipment. Wattage rating reflects the real power draw of equipment. volt ampere rating reflects the apparent power draw of equipment. Standardizing on wattage for sizing allows for simpler and straight forward sizing of a UPS.

### **TRULY TOOL-LESS RAIL KITS ENABLE FASTER AND EASIER DEPLOYMENT**

Tool-less rail kits for four-post racks install in a fraction of the time that it takes to instal standard rail kits. Rail kits do not require tools to install. Simply snap in and you are ready to deploy.

### **PROVIDES MORE LOCAL INFORMATION VIA GRAPHICAL LCD DISPLAY**

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 the Dell servers, so when the UPS has a critical alarm, the LCD changes background color from blue to red.

### **BUNDLED SOFTWARE ENABLES REMOTE UPS MONITORING AND MANAGEMENT**

Only Dell UPS products come complete with the Dell UPS suite of power management software that provides control and visibility over deployed UPS systems, using an intuitive, graphical interface and SNMP. For example, you can establish a prioritized shutdown of network devices and client/server applications, test all networked UPS systems from one node, analyze trends and network conditions, and stay informed of power problems by pager and email.

## OPTIONAL DELL NETWORK MANAGEMENT CARD

By adding the Dell NMC, you can customize the Dell UPS to control and monitor UPS status and meters via SNMP or a Web browser and monitor and shut down multiple servers with different operating systems.

## OPTIONAL EXTERNAL BATTERY MODULE (EBM) 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. (EBMs are not available for Tower 500W and Rack 1000W models.)

MODEL DESCRIPTION	VOLTAGE INPUT & OUTPUT	INPUT CONNECTION	OUTPUT RECEPTACLES
<b>Tower 500W</b>	100/110/120/127	C14. Cord Set varies by Country	(6) 5-15R
<b>Tower 500W</b>	220/230/240	C14. Cord Set varies by Country	(6) C13
<b>Tower 1000W</b>	100/110/120/127	C14. Cord Set varies by Country	(8) 5-15R
<b>Tower 1000W</b>	220/230/240	C14. Cord Set varies by Country	(8) C13
<b>Tower 1920/1500W</b>	100 /110/120/127	C20. Cord Set varies by Country	(10) 5-20R/15R*
<b>Tower 1920W</b>	220/230/240	C14. Cord Set varies by Country	(10) C13
<b>Rack 1000W</b>	100/110/120/127	C14. Cord Set varies by Country	(4) 5-15R, (2) C13
<b>Rack 1000W</b>	220/230/240	C14. Cord Set varies by Country	(4) C13
<b>Rack 1920/1500W</b>	100 /110/120/127	C20. Cord Set varies by Country	(6) 5-20R/15R*, (2) C19, (2) C13
<b>Rack 1920W</b>	220/230/240	C14. Cord Set varies by Country	(2) C19, (6) C13
<b>Rack/Tower 2700/2300W</b>	100	L5-30P	(1) L5-20R, (2) 5-20R/15R*, (2) C19, (2) C13
<b>Rack/Tower 2700/2300W</b>	110/120/127	L5-30P	(1) L5-20R, (2) 5-20R/15R*, (2) C19, (2) C13
<b>Rack/Tower 2700W</b>	208	L6-20P	(2) L6-20R, (2) C19, (2) C13
<b>Rack/Tower 2700W</b>	220/230/240	C20. Cord Set varies by Country	(2) C19, (8) C13
<b>Short Depth Rack 2700W High Efficiency Online</b>	110/120/127	L5-30P	(1) L5-20R, (2) 5-20R/15R*, (2) C13
<b>Short Depth Rack 2700W High Efficiency Online</b>	208	L6-20P	(2) L6-30R, (1) L6-20R
<b>Short Depth Rack 2700W High Efficiency Online</b>	220/230/240	C20	(1) C19, (8) C13
<b>Rack 3750W High Efficiency Online</b>	208	L6-30P	(1) L6-30R, (2) L6-20R, (2) C19
<b>Rack 3750W High Efficiency Online</b>	220/230/240	Hardwired	(2) C19, (8) C13
<b>Rack 4200W High Efficiency Online</b>	208	Hardwired	(1) L6-30R, (2) L6-20R, (4) C19
<b>Rack 4200W High Efficiency Online</b>	220/230/240	Hardwired	(4) C19, (6) C13
<b>Rack 5600W</b>	208	Hardwired	(2) L6-30R, (4) C19
<b>Rack 5600W</b>	220/230/240	Hardwired	(4) C19, (6) C13
<b>Rack 5600W High Efficiency Online</b>	208	Hardwired	(2) L6-30R, (4) C19
<b>Rack 5600W High Efficiency Online</b>	220/230/240	Hardwired	(4) C19, (6) C13

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