



OR500LCDRM1U SMART APP LCD UPS



Cost-effective feature-rich power protection for networking, servers and telecommunications equipment

A rackmount UPS with line interactive topology, the CyberPower Smart App LCD OR500LCDRM1U provides battery backup (using simulated sine wave output) and surge protection for department servers, workgroup servers, workstations, network devices, and telecom installations without active PFC power supplies. The OR500LCDRM1U uses Automatic Voltage Regulation (AVR) to correct minor power fluctuations without switching to battery power, which extends battery life. AVR is essential in areas where power fluctuations occur frequently. The OR500LCDRM1U comes with a three-year warranty and a \$300,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS

- Workstations
- Corporate Servers
- Automatic Voltage Regulation
- Department Servers
- Network Devices
- Telecom Installations

FEATURES

- Capacity: 500VA / 300W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120Vac +/- 10%
- Runtime (half/full): 12 minutes / 3 minutes
- Plug type & cord: NEMA 5-15P, 10-ft. cord
- Outlets: 6 (2 surge, 4 surge + battery backup)
- Outlet types: 6 x NEMA 5-15R
- Communication: USB, Relay, SNMP
- Data line protection: Network
- Management software: PowerPanel® Business
- Remote management: Yes, with optional RMCARD205
- Environmental sensor: Yes, with optional RMCARD205 and ENVIROSENSOR
- ENERGY STAR® certified: Yes
- Warranty: Three-Year
- Connected Equipment Guarantee: \$300,000

SPECIFICATIONS

GENERAL	
Energy Saving	GreenPower UPS™ Bypass Technology
ENERGY STAR® certified	Yes
UPS Topology	Line Interactive

INPUT	
Adjustable Voltage Range	88 - 144 VAC
Circuit Breaker	15 A
Cord Length	10 ft (3.0 m)
Input Frequency Range	57 Hz - 63 Hz
Input Plug Type	NEMA 5-15P
Input Voltage Range	90 VAC - 140 VAC
Nominal Input Voltage	120 VAC
Plug Style	Right Angle - 45° Offset

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SPECIFICATIONS - CONT.

OUTPUT	
Automatic Voltage Regulation	Single Boost
On Battery Frequency	60Hz +/- 1%
On Battery Voltage	120 VAC +/- 10%
On Battery Waveform	Simulated Sine Wave
Outlet Type	6 - NEMA 5-15R
Outlets - Battery and Surge Protected	4
Outlets - Surge Only Protected	2
Outlets - Total	6
Output Power Factor	0.6
Overload Protection	Internal Circuitry Limiting Circuit Breaker Protected
Typical Transfer Time	8 ms
VA	500 VA
Watts	300 W
BATTERY	
Battery Quantity	2
Battery Size	6 V / 7 Ah
Battery Type	Sealed Lead-Acid Battery
Hot-Swappable	Yes
Replacement Battery Cartridge	1 x RB0670X2
Runtime at Full Load	3 minutes
Runtime at Half Load	12 minutes
Typical Recharge Time	8 hours
User-Replaceable Battery	Yes

SURGE PROTECTION AND FILTERING	
EMI/RFI Filtration	Yes
Network Protection RJ45	1-in / 1-Out (10/100/1000)
Surge Suppression (Joules)	1150 J
MANAGEMENT & COMMUNICATIONS	
Audible Alarms	Battery Mode Low Battery Overload Fault
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On Wiring Fault
Management Cable	USB Cable
Serial Port	1 Dry Contact
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205
Software (Free Download)	PowerPanel® Business
PHYSICAL	
Color	Black
Form Factor	Rackmount
Material of Construction	Metal
Rack Height	1U

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SPECIFICATIONS - CONT.

DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	43.31 x 4.45 x 23.5 cm
Physical Dimensions - Width/Height/Depth (mm)	433 x 44 x 235 mm
Physical Dimensions - Width/Height/Depth (in.)	17.05 x 1.75 x 9.25 in.
Weight (kg)	8.16 kg
Weight (lbs.)	18.0 lbs.
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	31.75 x 14.61 x 52.07 cm
Shipping Dimensions - Width/Height/Depth (mm)	317.5 x 146.05 x 520.7 mm
Shipping Dimensions - Width/Height/Depth (in.)	12.5 x 5.75 x 20.5 in.
Shipping Weight (kg)	9.34 kg
Shipping Weight (lbs.)	20.6 lbs.

ENVIRONMENTAL	
Operating Elevation	0 - 10,000 ft (0 - 3,048 m)
Operating Relative Humidity	0 - 95% (non-condensing)
Operating Temperature	32 - 104 °F (0 - 40 °C)
Storage Elevation	0 - 50,000 ft (0 - 15,239 m)
Storage Relative Humidity	0 - 95% (non-condensing)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1778 cUL 107.1 FCC DOC Class B
WARRANTY	
CEG Amount	\$300,000
Connected Equipment Guarantee (CEG)	Lifetime
Extended Warranty Option	WEXT5YR-U1B
Product Warranty	3-Year Limited