CyberPower

OL1500RTXL2U SMART APP ONLINE UPS

Providing mission-critical enterprise applications maximum power protection.

The CyberPower Smart App Online OL1500RTXL2U rack/tower uninterruptible power supply (UPS) with LCD control panel and sine wave output safeguards servers, enterprise and telecom equipment, VoIP and networking hardware that require seamless power correction.

Its Double Conversion Topology is generator compatible and delivers consistent and clean AC power with zero transfer time, protecting connected equipment and preventing costly business interruptions. Auto-bypass insures connected equipment continues to operate seamlessly when an overload or internal fault is detected.

Configurable GreenPower UPS™ ECO Mode improves UPS efficiency up to 95% and reduces electrical and cooling costs. Smart Battery Management (SBM) uses a 3 cycle charging mode and voltage-temperature compensation algorithm to improve battery life while reducing heat being generated.

A Three-Year Warranty ensures that this UPS has passed our highest quality standards in design, assembly, material or workmanship and further protection is offered by a $400,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS
- Enterprise Servers
- Network and Storage Devices
- Edge Closets
- PBX and VoIP Installations

FEATURES
- 1500 VA / 1350 W
- Double Conversion Topology
- Selectable Output - 100, 110, 115, 120, 125 V, 50/60 Hz
- LCD Control Panel
- View/Change IP address via LCD control panel*
- GreenPower UPS™ ECO Mode
- 2U Rack Mount/Tower Convertible
- Multiple Remote Management Interfaces: HTTP, SNMP, and CLI
- Outlets: (8) NEMA 5-15R
- Communication Ports: USB, Serial, EPO, Dry Contacts, Expansion Slot
- PowerPanel® Business Edition Monitoring and Shutdown Software

SPECIFICATIONS

GENERAL	
UPS Topology	Double Conversion
Energy Saving	Yes, ECO Mode Efficiency >95%
ENERGY STAR® Qualified	Yes
INPUT	
Nominal Voltage	100 V to 125 V
Voltage Range	60 V to 69 V, 0% to 60% load 70 V to 79 V, 0% to 70% load 80 V to 89 V, 0% to 80% load 90 V to 95 V, 0% to 90% load 96 V to 150 V, 0% to 100% load
Frequency Range	40 Hz to 70 Hz (auto-sensing)
Power Factor	0.99
Cold Start	Yes

INPUT - CONT.	
Plug Type	NEMA 5-15P
Cord Length (ft)	10
Cord Length (m)	3
OUTPUT	
VA	1500 (1.5 kVA) at 120, 125 V 1350 (1.35 kVA) at 115, 110 V 1200 (1.2 kVA) at 100 V
Watts	1350 (1.35 kW) at 120, 125 V 1215 (1.215 kW) at 115, 110 V 1080 (1.08 kW) at 100 V
Power Factor	0.9
Waveform (Battery Mode)	Sine wave
Nominal Voltage (Battery Mode)	100, 110, 115, 120, 125 V ±2% (configurable)

*UPS requires RMCARD205 installed and must have firmware version 1.10 or above AND UPS firmware must be Sv3A00 or above.

SPECIFICATIONS CONT.

OUTPUT - CONT.

Frequency	50/60 Hz ±0.25 Hz (auto-sensing/configurable)
ECO Mode Bypass Voltage Range	±10%, ±15% (configurable)
Harmonic Distortion (THD)	<3% at linear load, <5% at non-linear load
Crest Factor	3:1
Outlets - Total	8
Outlet Type	(8) NEMA 5-15R
Overload Protection	Line Mode: 105% to 125% load for 1 min 126% to 150% load for 10 sec Battery Mode: 105% to 130% load for 10 sec 131% to 150% load for 2 sec
Short Circuit Protection	UPS output cut off immediately or input fuse / circuit breaker protection
Bypass	Internal bypass (automatic and manual)
Maintenance Bypass	Optional MBP15A6
Transfer Time	0ms

BATTERY

Runtime at Half Load	11 min
Runtime at Full Load	3.4 min
Battery Type	Sealed lead acid
Battery Size	12 V/9 Ah
Battery Quantity	3
Replaceable	Yes
Replacement Battery	RB1290X3L
Hot Swappable	Yes
Typical Recharge Time	4 h (0% to 90%)
Smart Battery Management (SMB) Mode	Yes
Extended Battery Module (EBM)	Optional BP36V60ART2U

SURGE PROTECTION & FILTERING

Surge Protection	1780 Joules, per IEC 61000-4-5 Level 3
Phone RJ-11 / Ethernet Surge Protection RJ-45	1-In / 1-Out (combo)
EMI/RFI Filtration	Yes

MANAGEMENT & COMMUNICATIONS

LCD Control Panel	Access 23 scrollable system metrics, 25 configuration settings, and an events log.
Rotatable LCD Control Panel	Yes
Removable LCD Control Panel Option	Yes, requires DB26 cable (not included)
HID Compliant USB Port	Yes
Serial Port	Yes
Emergency Power Off (EPO) Port	Yes
Dry Contact Port	Yes
Cables Included	USB cable, Serial cable, Phone cable
LED Indicators	Power On (white) Line Mode (green) Battery Mode (yellow) Bypass Mode (yellow) Fault (red) Replace Battery (red)
Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault
Software	PowerPanel® Business Edition
Upgradeable Firmware	Yes, requires RMCARD205[1]
Expansion Slot	Yes, for optional RMCARD205 or RELAYIO500

PHYSICAL

Form Factor	Rack / Tower Convertible (Rotatable LCD)
Enclosure Construction	Steel
Rack Mounting Hardware	Included
Dimensions (WxHxD, in)	17 x 3.5 x 16.9
Dimensions (WxHxD, mm)	433 x 88 x 430

SPECIFICATIONS CONT.

PHYSICAL - CONT.

Weight (lb.)	39.6
Weight (kg)	18
Rack Units	2U
Max. Mounting Rail Depth (in)	36.02
Max. Mounting Rail Depth (mm)	915
Min. Mounting Rail Depth (in)	20.47
Min. Mounting Rail Depth (mm)	520

SHIPPING DIMENSIONS

Dimensions (WxHxD, in)	21.65 x 9.45 x 23.23
Dimensions (WxHxD, mm)	550 x 240 x 590
Weight (lb.)	53.9
Weight (kg)	24.4

ENVIRONMENTAL

Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Operating Relative Humidity	0% to 90% non-condensing
Operating Elevation	0 ft to 10000 ft (0 m to 3000 m)
Storage Temperature	-4 °F to 113 °F (-20 °C to 45 °C)
Storage Relative Humidity	0% to 95% non-condensing
Storage Elevation	0 ft to 50000 ft (0 to 15000 m)
Online Thermal Dissipation (100% Load)	529 BTU/h
ECO Mode Thermal Dissipation (100% Load)	232 BTU/h
Audible noise at 1.5M from surface of unit	38 dBA to 55 dBA (0% to 100% load)

CERTIFICATIONS

Safety	UL 1778, CSA C22.2 NO.107.3-05, FCC DoC Class A
Environmental	RoHS compliant

WARRANTY

Product Warranty	3 Years Limited
Extended 2-Year Warranty	Optional WEXT5YR-U4A
Connected Equipment Guarantee	Lifetime
CEG Amount	$400,000

[1]RMCARD205 must have firmware version 1.10 or above AND UPS firmware must be Sv3A00 or above.