CyberPower

OL1KRTHD
SMART APP ONLINE UPS

Prevent business interruptions and safeguard mission-critical enterprise network equipment.

The OL1KRTHD features double-conversion topology for seamless power protection, individual outlet control, and an optional RMCARD205.

For monitoring, this UPS offers a new state-of-the-art, multi-function, color TFT LCD screen that is simple to set up and easy to use. The color-coded alerts provide clear status of the UPS and the screen orientation rotates automatically when placed into a tower configuration.

The OL1KRTHD ensures maximum efficiency and capacity output with a Power Factor rating (PF) of 1. The energy-saving GreenPower UPS™ ECO Mode enables more than 96% efficiency while reducing power consumption and thermal dissipation.

The optional BP24VL2U01 Extended Battery Module (EBM) expands runtime and up to ten EBMs can be connected in a daisy-chain to the UPS for more backup power. Plus, it's backed by our three-year warranty (including batteries) and a $400,000 Connected Equipment Guarantee.

TYPICAL APPLICATIONS
- Core Network Equipment
- Hyperconverged Infrastructure (HCI)
- Server Rooms
- Server Virtualization Infrastructures
- Storage Systems
- VoIP Infrastructure
- Enterprise Servers
- Corporate Servers

FEATURES
- Capacity: 1000 VA / 1000 W
- High Density: 2U Size
- Power Factor (PF): 1
- Topology: Double-Conversion
- Waveform: Sine Wave
- Output: 100, 110, 115, 120, 125 Vac User Configurable +/-2%
- Runtime (half/full): 12 minutes / 3.8 minutes
- Plug type & cord: NEMA 5-15P
- Outlet types: 8 × NEMA 5-15R, 4 Switchable
- Communication ports: USB, Serial, SNMP, EPO
- Management software: PowerPanel® Business Edition
- Remote management: Yes, RMCARD205 Optional
- Warranty: Three-Year

SPECIFICATIONS

GENERAL	
Energy Saving	ECO Mode Efficiency >96%
Energy Star Certified	Yes
UPS Topology	Online Double Conversion
INPUT	
Circuit Breaker	20 A
Cold Start	Yes
Cord Length	10 ft. (3.0 m)
Input Frequency Range	40 Hz – 70 Hz

INPUT - CONT.	
Input Plug Type	NEMA 5-15P
Input Power Factor	0.99
Input Voltage Range	60 VAC - 69 VAC for 0–60% Load 70 VAC - 79 VAC for 0–70% Load 80 VAC - 89 VAC for 0–80% Load 90 VAC - 95 VAC for 0–90% Load
Nominal Input Voltage	100 - 125 VAC

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SPECIFICATIONS CONT.

OUTPUT

Bypass	Internal Bypass (Automatic and Manual)
Crest Factor	3 : 1
ECO Mode Voltage Regulation	+/-10%, +/-15% (Configurable)
Harmonic Distortion	< 3% at Linear Load < 5% at Non-Linear Load
Maintenance Bypass	Yes
On Battery Frequency	50/60 Hz +/-0.25Hz (auto-sensing or configurable)
On Battery Voltage	100 / 110 / 115 / 120 / 125 VAC +/-2% (configurable)
On Battery Waveform	Sine Wave
Outlet Type	8 x NEMA 5-15R
Outlets - Total	8
Output Power Factor	1
Short Circuit Protection	UPS Output Cut Off Immediately or Input Fuse / Circuit Breaker Protection
Typical Transfer Time	0 ms
VA	1000 VA
Watts	1000 W

BATTERY

Battery Equalization Technology	Yes
Battery Quantity	2
Battery Size	12 V / 9 Ah
Battery Type	Sealed Lead Acid
Extended Battery Module	BP24VL2U01
Hot-Swappable	Yes
Replacement Battery	1 x RB1290X2K
Runtime at Full Load	3.8 min
Runtime at Half Load	12 min
Smart Battery Management (SMB) Mode	Yes
Typical Recharge Time	4 hours (0% to 90% charged)
User-Replaceable Battery	Yes

SURGE PROTECTION & FILTERING

EMI/RFI Filtration	Yes
Surge Suppression	710 J

MANAGEMENT & COMMUNICATIONS

Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault
Dry Contacts	Yes
Emergency Power Off (EPO) Port	Yes
HID Compliant USB Port	Yes
LCD	Multifunction LCD
LED Indicators	Power On (white)
Management Cable	USB Cable
Removable LCD Control Panel Option	No
Rotatable LCD Control Panel Option	Yes
Serial Port	1 Serial
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205
Software	PowerPanel® Business Edition

PHYSICAL

Chassis Color	Black
Form Factor	Rack / Tower
Front Panel	Black
Material of Construction	Metal
Mounting Hardware	Yes
Rack Height	2U

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SPECIFICATIONS CONT.
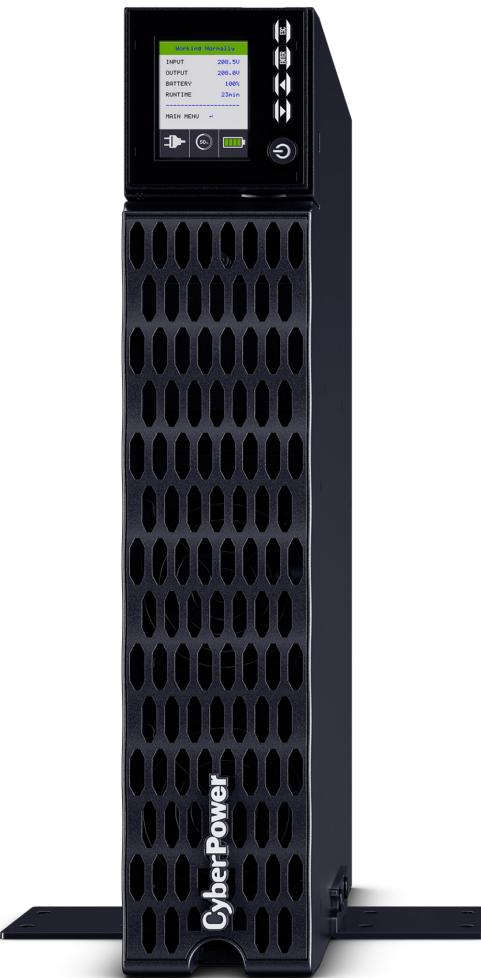
PHYSICAL DIMENSIONS

Physical Dimensions - Width/Height/Depth (cm)	43.31 x 8.64 x 29.01 cm
Physical Dimensions - Width/Height/Depth (mm)	433 x 86 x 290 mm
Physical Dimensions - Width/Height/Depth (in.)	17.05 x 3.4 x 11.42 in.
Weight (kg)	12.7 kg
Weight (lb)	28 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - Width/Height/Depth (cm)	56.01 x 24.0 x 38.99 cm
Shipping Dimensions - Width/Height/Depth (mm)	560.07 x 240.03 x 389.89 mm
Shipping Dimensions - Width/Height/Depth (in.)	22.05 x 9.45 x 15.35 in.
Shipping Weight (kg)	16.5 kg
Shipping Weight (lbs.)	36.38 lbs.

ENVIRONMENTAL

Audible noise at 1m from surface of unit	18.1 dBA to 42.8 dBA (0 to 100% load)
ECO Mode Thermal Dissipation	107 BTU/hr
Online Thermal Dissipation	304 BTU/hr
Operating Elevation	0 - 9,843 ft (0 - 3,000 m)
Operating Relative Humidity	0% to 90% non-condensing
Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage Elevation	0 - 49,213 ft (0 - 14,999 m)
Storage Relative Humidity	0% to 95% non-condensing
Storage Temperature	5 °F to 113 °F (-15 °C to 45 °C)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	UL1778 CSA C22.2 No.107.3 FCC Part 15 Class B

WARRANTY

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