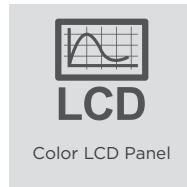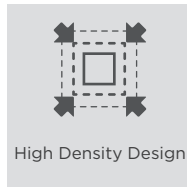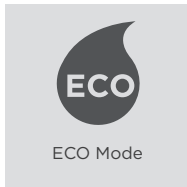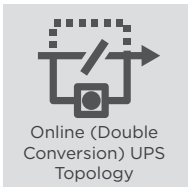OL8KERTHD/OL10KERTHD
OL12KERTHD

## ENTERPRISE ONLINE UPS WITH HIGH DENSITY DESIGN TO GUARANTEE RELIABLE POWER PROTECTION

| | | | | | |
|---|---|---|---|---|---|
| Online (Double Conversion) UPS Topology | ECO Mode | High Density Design | Color LCD Panel | High Output Power Factor | Remote Management Capability |
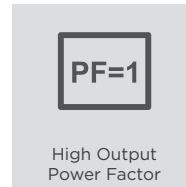
## The high performance online double-conversion UPS supplies optimal power and functionality with compact design

Designed for office and data center applications, the Online (High-Density) adopts double-conversion topology to provide seamless Pure Sine Wave output. The generator-compatible UPSs feature hot-swappable battery packs for maintenance without power interruption. The products also adopt ECO Mode to save on energy costs, Battery Management Technology to help batteries obtain optimal lifespan, and color LCD panel to display key information at a glance. The power management software allows users to easily control and monitor the UPS system.

## SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- High Density Design
- Color LCD Panel
- High Output Power Factor
- Quick Charging Technology
- Tiltable LCD Panel
- Automatically rotatable LCD
- Surge and Spike Protection

- Critical/Non-critical Load Outlets
- Controllable Outlet Groups
- Generator Compatible
- Battery Management Technology
- Hot-swappable Batteries
- Smart Battery Management (SBM)
- Emergency Power Off (EPO) Port
- SNMP/HTTP Remote Management Capability
- PowerPanel Management Software

## PRODUCT CALLOUTS

1. Power On Indicator
2. Power On/Off Switch
3. LCD Display Panel
4. Function Button(s)
5. Battery Backup & Surge Protected Outlets Bank 1
6. Battery Backup & Surge Protected Outlets Bank 2
7. Output Circuit Breaker
8. Relay Output Connector
9. EPO Port
10. USB Port
11. Serial Port
12. SNMP/HTTP Network Slot
13. Input Terminal Block
14. Output Terminal Block
15. BMP Connector
16. BM/ENV Port
17. Extended Battery Module Connector
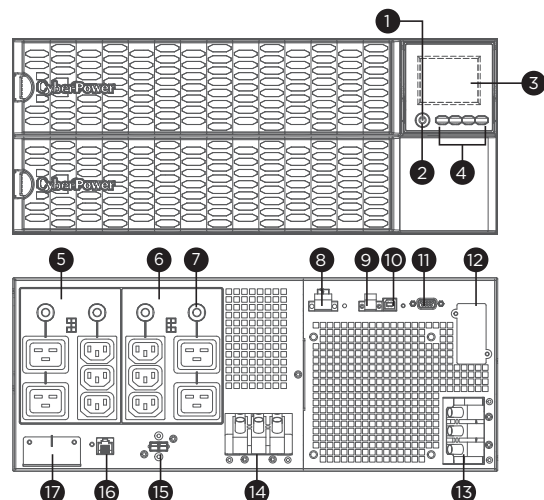
OL8/10/12KERTHD

## TECHNICAL SPECIFICATIONS

| Model Name | OL8KERTHD | OL10KERTHD | OL12KERTHD |
|---|---|---|---|
| **General** | | | |
| UPS Topology | Online Double Conversion | | |
| Energy Saving Technology | Online ECO Mode Efficiency > 98% | | |
| Active PFC Compatibility | Yes | | |
| **Input** | | | |
| Generator Compatibility | Yes | | |
| Nominal Input Voltage (Vac) | 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2% | | |
| Input Voltage Range (Vac) | 200 - 240 | | |
| Input Frequency (Hz) | 50 ± 10, 60 ± 10 | | |
| Input Frequency Detection | Auto-sensing | | |
| Rated Input Current (A) | 44 | 55 | |
| Input Power Factor | 0.99 | | |
| Input Connector Type | Hardwire Terminal Block | | |
| **Output** | | | |
| Capacity (VA) | 8000 | 10000 | 12000 |
| Capacity (Watts) | 8000 | 10000 | |
| On Battery Waveform | Pure Sine Wave | | |
| On Battery Voltage(s) (Vac) | 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2% | | |
| Output Voltage Setting | Configurable | | |
| On Battery Frequency (Hz) | 50 ± 0.5%, 60 ± 0.5% | | |
| Output Frequency Setting | Configurable | | |
| Power Factor | 1 | 0.83 | |
| Overload Protection | Internal Current Limiting, Circuit Breaker | | |
| Overload Protection (Line Mode) | 105-125% Load for 1 min, 125-150% Load for 10 sec | | |
| Overload Protection (Battery Mode) | 105-130% Load for 10 sec, 130-150% Load for 2 sec | | |
| Overload Protection (Bypass Mode) | Circuit Breaker | | |
| Harmonic Distortion (Linear Load) | THD<3% | | |
| Harmonic Distortion (Non-linear Load) | THD<5% | | |
| Outlet(s) - Total | 11 | | |
| Outlet Type | IEC C19 x 4, IEC C13 x 6, Hardwire Terminal Block x 1 | | |
| Outlet(s) - Battery & Surge Protected | 11 | | |
| Outlet(s) - Critical Load (CL) | 1 | | |
| Outlet(s) - Non-Critical Load (NCL) | 10 | | |
| Typical Transfer Time (ms) | 0 | | |
| **Battery** | | | |
| Runtime at Half Load (min) | 11 | 8.3 | |
| Runtime at Full Load (min) | 3.8 | 2.4 | |
| Typical Recharge Time (Hours) | 4 | | |
| Smart Battery Management (SBM) | Yes | | |
| User-replaceable | Yes - Qualified Personnel Only | | |
| Hot-swappable | Yes | | |
| Battery Type | Sealed Lead-acid | | |
| Replacement Battery Pack (RBP) | RBP0159 | | |
| Replacement Battery Pack (RBP) Quantity (pcs) | 2 | | |
| Compatible Extended Battery Module (EBM) | BPE192VL2U01 (Built-in Charger) | | |
| Max. EBM Quantity (pcs) | 10 | | |
| **Surge Protection & Filtering** | | | |
| Surge Suppression (Joules) | 2430 | | |
| EMI/RFI Filtration | Yes | | |
| **Management & Communications** | | | |
| LCD Panel | Yes | | |
| LCD Types | Color LCD | | |
| LCD Orientation | Rotatable LCD – Automatic, Rotatable LCD – via Setting | | |
| HID Compliant USB Port(s) | 1 | | |
| Serial Port | Combo (RS232 + Dry Contact) | | |
| Emergency Power Off (EPO) Port | Yes | | |
| Power Management Software | PowerPanel Business (Recommended) | | |
| SNMP/HTTP Remote Monitoring | Yes - RMCARD205 included | | |
| **Physical** | | | |
| Form Factor | Rackmount, Tower | | |
| **Physical Size - UPS Module** | | | |
| Dimensions (WxHxD) (mm.) | 433 x 173 x 720 | | |
| Weight (kg.) | 71.2 | | |
| Installed Rack Height (U) | 4 | | |
| **Environmental** | | | |
| Operating Temperature (°C) | 0 - 40 | | |
| Operating Relative Humidity (Non-condensing) (%) | 0 - 90 | | |
| Online Thermal Dissipation (BTU/hr) | 1603 | 2044 | |
| **Certifications** | | | |
| Certifications* | CE, EAC, RCM | | |
| RoHS | Yes | | |

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
#All specifications are subject to change without notice.