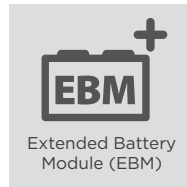
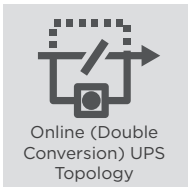


OL5KERTHD/OL6KERTHD



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



### 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 Display to display key information at a glance. The power management software allows users to easily control and monitor the UPS system.

#### APPLICATION

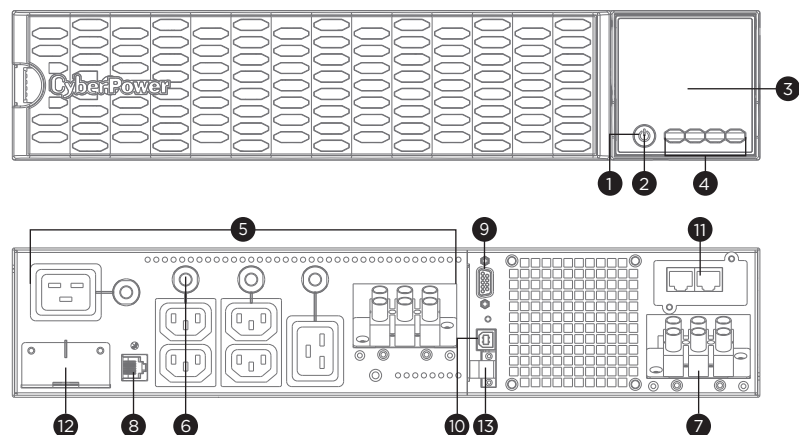
- SOHO Office
- Office
- Back Office
- Server Room
- Data Center
- Supermarket
- Factory
- Airport
- Train Station

#### SERIES FEATURES

- Online (Double Conversion) UPS Topology
- Energy Saving Technology
- Generator Compatible
- Critical/Non-critical Load Outlets
- Zero Transfer Time
- Battery Management Technology
- Smart Battery Management (SBM)
- Extended Battery Module (EBM)
- Graphical LCD Display
- PowerPanel® Management Software
- SNMP/HTTP Remote Management Capability
- Rack/Tower Convertible Configurations

#### 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
- 6 . Output Circuit Breaker
- 7 . AC Inlet
- 8 . BM/ENV Port
- 9 . Serial Port
- 10 . USB Port
- 11 . SNMP/HTTP Network Slot
- 12 . Extended Battery Module Connector
- 13 . EPO Port



OL5/6KERTHD

TECHNICAL SPECIFICATIONS

| Model Name                                       | OL5KERTHD   | OL6KERTHD   |
|--|---|---|
| <b>General</b>                                   |   |   |
| UPS Topology                                     | Online Double Conversion                              | Online Double Conversion                              |
| Energy Saving Technology                         | Online ECO Mode Efficiency > 96%                      | Online ECO Mode Efficiency > 96%                      |
| Active PFC Compatibility                         | Yes   | Yes   |
| <b>Input</b>                                     |   |   |
| Generator Compatibility                          | Yes   | Yes   |
| Nominal Input Voltage (Vac)                      | 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%      | 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%      |
| Input Voltage Range (Vac)                        | 180 - 280   | 180 - 280   |
| Input Frequency (Hz)                             | 50 ± 10, 60 ± 10                                      | 50 ± 10, 60 ± 10                                      |
| Input Frequency Detection                        | Auto-sensing  | Auto-sensing  |
| Rated Input Current (A)                          | 24  | 32  |
| Input Power Factor                               | 0.99  | 0.99  |
| Input Connector Type                             | Hardwire Terminal Block                               | Hardwire Terminal Block                               |
| <b>Output</b>                                    |   |   |
| Capacity (VA)                                    | 5000  | 6000  |
| Capacity (Watts)                                 | 5000  | 6000  |
| On Battery Waveform                              | Pure Sine Wave  | Pure Sine Wave  |
| On Battery Voltage(s) (Vac)                      | 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%      | 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%      |
| Output Voltage Setting                           | Configurable  | Configurable  |
| On Battery Frequency (Hz)                        | 50 ± 0.5%, 60 ± 0.5%                                  | 50 ± 0.5%, 60 ± 0.5%                                  |
| Output Frequency Setting                         | Configurable  | Configurable  |
| Power Factor                                     | 1   | 1   |
| Overload Protection                              | Internal Current Limiting, Circuit Breaker, Fuse      | Internal Current Limiting, Circuit Breaker, Fuse      |
| Overload Protection (Line Mode)                  | 105-125% Load for 1 min, 125-150% Load for 10 sec     | 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     | 105-130% Load for 10 sec, 130-150% Load for 2 sec     |
| Overload Protection (Bypass Mode)                | Circuit Breaker                                       | Circuit Breaker                                       |
| Harmonic Distortion (Linear Load)                | THD < 3%  | THD < 3%  |
| Harmonic Distortion (Non-linear Load)            | THD < 5%  | THD < 5%  |
| Outlet(s) - Total                                | 7   | 7   |
| Outlet Type                                      | IEC C19 x 2, IEC C13 x 4, Hardwire Terminal Block x 1 | IEC C19 x 2, IEC C13 x 4, Hardwire Terminal Block x 1 |
| Outlet(s) - Battery & Surge Protected            | 7   | 7   |
| Outlet(s) - Critical Load (CL)                   | 4   | 4   |
| Outlet(s) - Non-Critical Load (NCL)              | 3   | 3   |
| Typical Transfer Time (ms)                       | 0   | 0   |
| <b>Battery</b>                                   |   |   |
| Runtime at Half Load (min)                       | 6.4   | 4.9   |
| Runtime at Full Load (min)                       | 2.3   | 1.4   |
| Typical Recharge Time (Hours)                    | 4   | 4   |
| Smart Battery Management (SBM)                   | Yes   | Yes   |
| User-replaceable                                 | Yes - Qualified Personnel Only                        | Yes - Qualified Personnel Only                        |
| Hot-swappable                                    | Yes   | Yes   |
| Battery Type                                     | Sealed Lead-acid                                      | Sealed Lead-acid                                      |
| Replacement Battery Pack                         | RBP0144   | RBP0144   |
| RBP Quantity (pcs)                               | 1   | 1   |
| Extended Battery Module (EBM)                    | BPE144VL2U01 (Built-in Charger)                       | BPE144VL2U01 (Built-in Charger)                       |
| Max. EBM Quantity (pcs)                          | 10  | 10  |
| <b>Surge Protection &amp; Filtering</b>          |   |   |
| Surge Suppression (Joules)                       | 2430  | 2430  |
| EMI/RFI Filtration                               | Yes   | Yes   |
| <b>Management &amp; Communications</b>           |   |   |
| LCD Panel  | Yes   | Yes   |
| LCD Orientation                                  | Automatic LCD screen orientation, Rotatable LCD panel | Automatic LCD screen orientation, Rotatable LCD panel |
| HID Compliant USB Port(s)                        | 1   | 1   |
| Serial Port                                      | Combo (RS232 + Dry Contact)                           | Combo (RS232 + Dry Contact)                           |
| Emergency Power Off (EPO) Port                   | Yes   | Yes   |
| Power Management Software                        | PowerPanel® Business                                  | PowerPanel® Business                                  |
| SNMP/HTTP Remote Monitoring                      | Yes - Pre-installed                                   | Yes - Pre-installed                                   |
| <b>Physical</b>                                  |   |   |
| Form Factor                                      | Rack/Tower  | Rack/Tower  |
| <b>Physical Size - UPS Module</b>                |   |   |
| Dimensions (WxHxD) (mm.)                         | 433 x 86.5 x 720                                      | 433 x 86.5 x 720                                      |
| Weight (kg.)                                     | 42  | 42  |
| Installed Rack Height (U)                        | 2   | 2   |
| <b>Environmental</b>                             |   |   |
| Operating Temperature (°C)                       | 0 - 40  | 0 - 40  |
| Operating Relative Humidity (Non-condensing) (%) | 0 - 90  | 0 - 90  |
| Online Thermal Dissipation (BTU/hr)              | 1186  | 1613  |
| <b>Certifications</b>                            |   |   |
| Certifications*                                  | CE, EAC, RCM  | CE, EAC, RCM  |
| RoHS   | Yes   | Yes   |

\*Certifications may vary according to different regions. Visit [www.cyberpower.com](http://www.cyberpower.com) for more information.  
 #All specifications are subject to change without notice.