OLS6KERT4UA/OLS10KERT4UA

## RELIABLE ONLINE UPS
## TO SECURE CORPORATE AND DATA CENTER

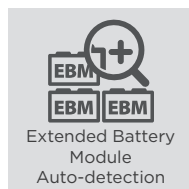| | | | | | |
|---|---|---|---|---|---|
| Online (Double Conversion) UPS Topology | ECO Mode | Adjustable Charging Current | Extended Battery Module Auto-detection | Color LCD Panel | Remote Management Capability |
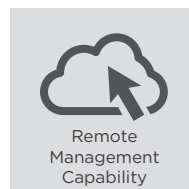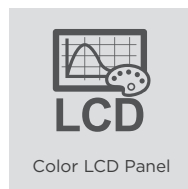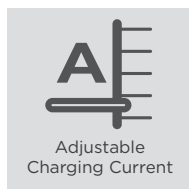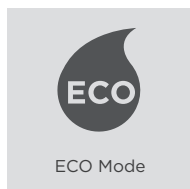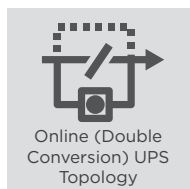
## The online double-conversion UPS with tiltable color LCD panel and Extended Battery Module auto-detection for efficient power management

Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPS's output power factor is 1, which can provide more usable power for critical devices while possessing a smaller footprint. The tiltable color LCD panel offers an intuitive interface for users to conveniently monitor and configure the settings. The auto-detection of Extended Battery Module (EBM) helps to estimate UPS's runtime automatically by identifying the number of connected EBMs. In addition, the battery charging current is adjustable via LCD setting to achieve shortened charging time. The products also provide relay-type dry contact port to support local management from specific UPS signals. The power management software allows users to perform real-time monitoring and control.

## SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- High Output Power Factor
- Pure Sine Wave Output
- Overload Protection
- Zero Transfer Time
- Adjustable Charging Current
- User-replaceable Batteries

- Extended Battery Module Auto-detection
- Color LCD Panel
- Tiltable LCD Panel
- Emergency Power Off (EPO) Port
- Relay-type Dry Contact
- PowerPanel Management Software
- SNMP/HTTP Remote Management Capability (Optional)
- Multiple Outlet Types (Optional)

## PRODUCT CALLOUTS

1. Power On/Off Switch
2. Function Button(s)
3. LCD Display Panel
4. Extended Battery Module Detection Connector
5. USB Port
6. Serial Port
7. Relay Output Connector
8. EPO Port
9. SNMP/HTTP Network Slot
10. Extended Battery Module Connector
11. Input Circuit Breaker
12. Output Terminal Block
13. Input Terminal Block
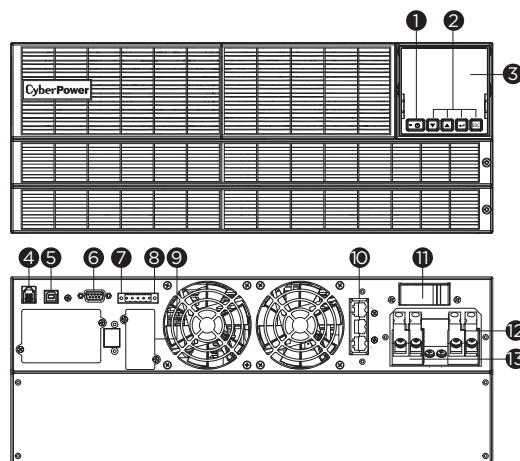
OLS6/10KERT4UA

## TECHNICAL SPECIFICATIONS

| Model Name | OLS6KERT4UA | OLS10KERT4UA |
|---|---|---|
| **General** | | |
| UPS Topology | Online Double Conversion | |
| Energy Saving Technology | ECO Mode Efficiency > 98% | |
| Active PFC Compatibility | Yes | |
| Parallel Expansion (Max. Units) | 4 (Optional) | |
| **Input** | | |
| Generator Compatibility | Yes | |
| Nominal Input Voltage (Vac) | 230 | |
| Input Voltage Range (Vac) | 110 - 300 | |
| Input Frequency (Hz) | 50 ± 10, 60 ± 10 | |
| Input Frequency Detection | Auto-sensing | |
| Rated Input Current (A) | 30 | 49.5 |
| Input Power Factor | 0.99 | |
| Input Connector Type | Hardwire Terminal Block | |
| **Output** | | |
| Capacity (VA) | 6000 | 10000 |
| Capacity (Watts) | 6000 | 10000 |
| On Battery Waveform | Pure Sine Wave | |
| On Battery Voltage(s) (Vac) | 200 ± 1%, 208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1% | |
| Output Voltage Setting | Configurable | |
| On Battery Frequency (Hz) | 50 ± 0.5%, 60 ± 0.5% | |
| Output Frequency Setting | Configurable | |
| Power Factor | 1 | |
| Overload Protection | Internal Current Limiting, Circuit Breaker, Fuse | |
| Overload Protection (Line Mode) | 105-130% Load for 10 sec, >130% Load for 1.5 sec | |
| Overload Protection (Battery Mode) | 105-130% Load for 10 sec, >130% Load for 1.5 sec | |
| Overload Protection (Bypass Mode) | 110-120% Load for 30 min, 120-130% Load for 2 min, 130-150% Load for 15 sec, >150% Load Immediately | |
| Harmonic Distortion (Linear Load) | THD<1.5% | |
| Harmonic Distortion (Non-linear Load) | THD<2% | THD<3% |
| Outlet(s) - Total | 1 | |
| Outlet Type | Hardwire Terminal Block x 1 | |
| Typical Transfer Time (ms) | 0 | |
| **Battery** | | |
| Runtime at Half Load (min) | 9.3 | 7.8 |
| Runtime at Full Load (min) | 2.3 | 1.8 |
| Typical Recharge Time (Hours) | 4 | |
| Adjustable Charging Current (A) | 1-4 | |
| Smart Battery Management (SBM) | Yes | |
| Hot-swappable | Yes - Qualified Personnel Only | |
| User-replaceable | Yes | |
| Battery Type | Sealed Lead-acid | |
| Compatible Extended Battery Module (EBM) | BPS192V7ART3U | BPS192V9ART3U |
| Max. EBM Quantity (pcs) | 10 | |
| **Surge Protection & Filtering** | | |
| Surge Suppression (Joules) | 1335 | |
| EMI/RFI Filtration | Yes | |
| **Management & Communications** | | |
| LCD Panel | Yes | |
| LCD Types | Color LCD | |
| LCD Orientation | Rotatable LCD – Manual | |
| HID Compliant USB Port(s) | 1 | |
| Serial Port | RS232 | |
| Dry Contact (with Relay) | Yes | |
| Emergency Power Off (EPO) Port | Yes | |
| Power Management Software | PowerPanel Business (Recommended) | |
| SNMP/HTTP Remote Monitoring | Yes - with optional RMCARD205 | |
| PowerPanel Cloud Service | Yes - 90 Days Free Trial with PowerPanel Personal/Business | |
| **Physical** | | |
| Form Factor | Rackmount, Tower | |
| **Physical Size - UPS Module** | | |
| Dimensions (WxHxD) (mm.) | 433 x 171 x 661 | |
| Weight (kg.) | 52.7 | 62.5 |
| Installed Rack Height (U) | 4 | |
| **Environmental** | | |
| Operating Temperature (°C) | 0 - 40 | |
| Operating Relative Humidity (Non-condensing) (%) | 0 - 95 | |
| Online Thermal Dissipation (BTU/hr) | 1777 | 2047 |
| **Certifications** | | |
| Certifications* | CE | |
| RoHS | Yes | |

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