CyberPower

ONLINE S (ADVANCED) SERIES

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

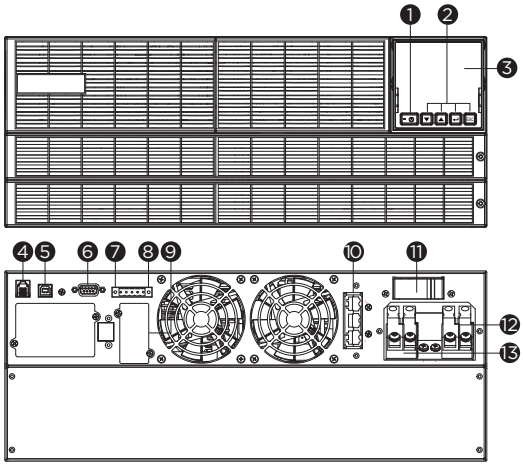
Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPS's output power factor is 1, which can provide more usable power for critical devices while possessing a smaller footprint. The tiltable 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

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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, TISI	
RoHS	Yes	

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

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