CyberPower

ONLINE S (PREMIUM) SERIES

OLS6KERT5U/OLS10KERT5U



HIGH-PERFORMANCE UPS GUARANTEES RELIABLE POWER PROTECTION FOR CRITICAL DEVICES

- Online (Double Conversion) UPS Topology
- ECO Mode
- UPS Parallel Expansion
- Color LCD Panel
- Built-in Remote Cloud Card by Ethernet
- Remote Management Capability

The online double-conversion UPS with built-in Remote Cloud Card for easy remote monitoring and management

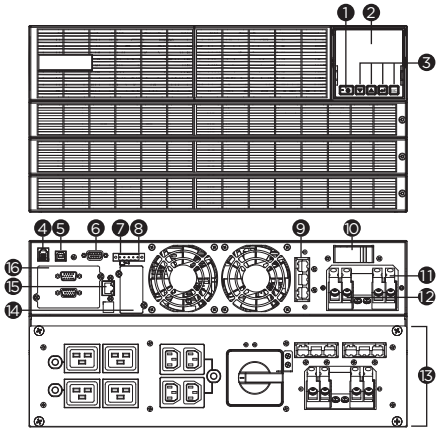
Designed for office and data center applications, the Online S (Premium) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPS output power factor is 1, which means it is capable of connecting to more critical loads and saving more rack space than conventional UPS systems. The products feature parallel expansion capacity to reach higher capacity and safeguard the systems against power failures through redundancy. The pre-installed detachable Maintenance Bypass PDU (MBP) offers power continuity during maintenance. In addition, Remote Cloud Card is included to make remote monitoring and multi-location management much easier. With a tiltable color LCD panel, users can monitor key power and battery information at a glance. Furthermore, the battery charging current is adjustable via LCD setting to shorten charging time. The products also provide relay-type dry contact ports to support local management from specific UPS signals.

SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- High Output Power Factor
- Pure Sine Wave Output
- UPS Parallel Expansion
- Maintenance Bypass Switch
- Extended Battery Module Auto-detection
- Adjustable Charging Current
- User-replaceable Batteries
- Color LCD Panel
- Tiltable LCD Panel
- Relay-type Dry Contact
- PowerPanel Management Software
- Built-in Remote Cloud Card by Ethernet
- SNMP/HTTP Remote Management Capability (Optional)
- Rack/Tower Convertible Configurations

PRODUCT CALLOUTS

1 . Power On/Off Switch
2 . LCD Display Panel
3 . Function Button(s)
4 . Extended Battery Module Detection Connector
5 . USB Port
6 . Serial Port
7 . Relay Output Connector
8 . EPO Port
9 . Extended Battery Module Connector
10 . Input Circuit Breaker
11 . Output Terminal Block
12 . Input Terminal Block
13 . Detachable Maintenance Bypass PDU (MBP)
14 . SNMP/HTTP Network Slot
15 . Remote Cloud Card (Ethernet Port)
16 . Parallel Card



OLS6/10KERT5U

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TECHNICAL SPECIFICATIONS

Model Name	OLS6KERT5U	OLS10KERT5U
General		
UPS Topology	Online Double Conversion	
Energy Saving Technology	ECO Mode Efficiency > 98%	
Active PFC Compatibility	Yes	
Parallel Expansion (Max. Units)	4	
Input		
Generator Compatibility	Yes	
Nominal Input Voltage (Vac)	230	
Input Voltage Range (Vac)	110 - 300	
Input Frequency (Hz)	50, 60	
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	9	
Outlet Type	Hardwire Terminal Block x 1, IEC C13 x 4, IEC C19 x 4	
Typical Transfer Time (ms)	0	
Battery		
Runtime at Half Load (min)	17	9.9
Runtime at Full Load (min)	5.3	2.6
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)	BPS240V7ART3U	BPS240V9ART3U
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	
Remote Cloud Card	Yes - Built-in Remote Cloud Card by Ethernet	
PowerPanel Cloud Service	Yes - 90 Days (UPS) + 3 Years (Remote Cloud Card) Free Service	
Physical		
Form Factor	Rackmount, Tower	
Physical Size - UPS Module		
Dimensions (WxHxD) (mm.)	433 x 213.5 x 661	
Weight (kg.)	69	80
Installed Rack Height (U)	5	
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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