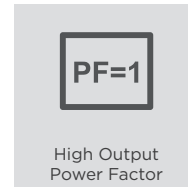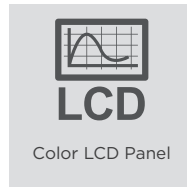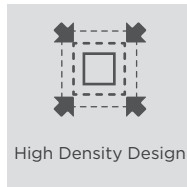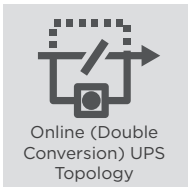OL5KERTHD/OL6KERTHD

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
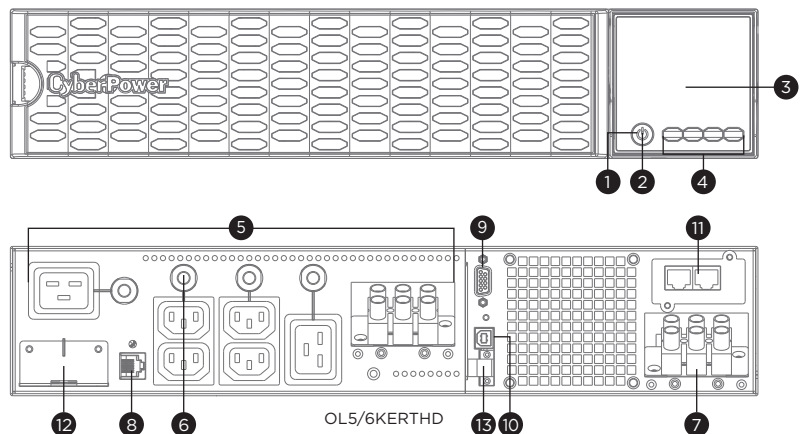
Designed for office and data center applications, the Online (High-Density) adopts double-conversion topology to provide seamless Pure Sine Wave output. The generator-compatible UPSs feature hot-swappable battery packs for maintenance without power interruption. The products also adopt ECO Mode to save on energy costs, Battery Management Technology to help batteries obtain optimal lifespan, and color LCD Display 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

- Critical/Non-critical Load Outlets
- Generator Compatible
- Battery Management Technology
- Extended Battery Module (EBM)
- 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
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
General		
UPS Topology	Online Double Conversion	
Energy Saving Technology	Online ECO Mode E ciency > 97%	
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)	24	
Input Power Factor	0.99	
Input Connector Type	Hardwire Terminal Block	
Output		
Capacity (VA)	5000	6000
Capacity (Watts)	5000	6000
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	
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	7	
Outlet Type	IEC C19 x 2, IEC C13 x 4, Hardwire Terminal Block x 1	
Outlet(s) - Battery & Surge Protected	7	
Outlet(s) - Critical Load (CL)	4	
Outlet(s) - Non-Critical Load (NCL)	3	
Typical Transfer Time (ms)	0	
Battery		
Runtime at Half Load (min)	6.4	4.9
Runtime at Full Load (min)	2.3	1.4
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	RBP0144	
RBP Quantity (pcs)	1	
Extended Battery Module (EBM)	BPE144VL2U01 (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 Orientation	Rotatable LCD – Automatic, Rotatable LCD – via Setting	
HID Compliant USB Port(s)	1	
Serial Port	Combo (RS232 + Dry Contact)	
Emergency Power O (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 86.5 x 720	
Weight (kg.)	42	
Installed Rack Height (U)	2	
Environmental		
Operating Temperature (°C)	0 - 40	
Operating Relative Humidity (Non-condensing) (%)	0 - 90	
Online Thermal Dissipation (BTU/hr)	1186	1613
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.