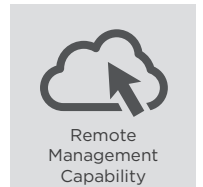
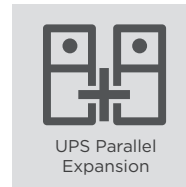
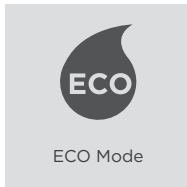
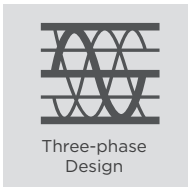


OL3T030KERTHDS/OL3T040KERTHDS



3-PHASE DATA CENTER UPS WITH COLOR LCD TOUCH SCREEN TO SAFEGUARD CRITICAL OPERATIONS



Trustworthy battery backup with color LCD touch screen while supporting parallel expansion

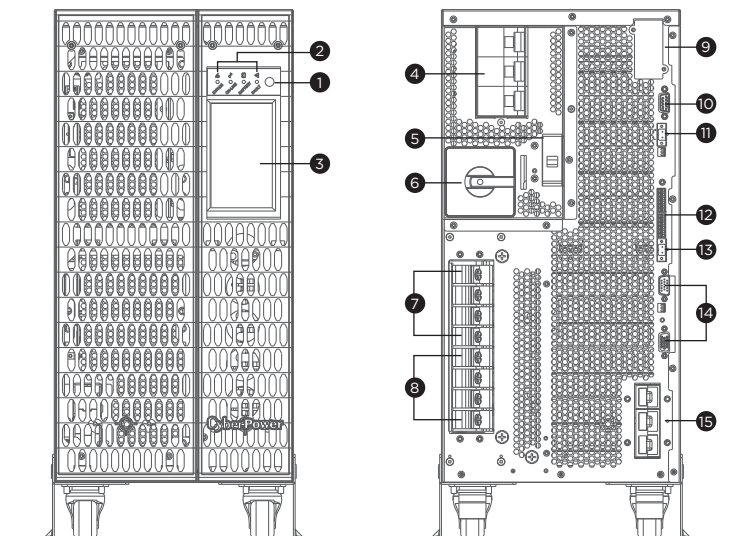
Designed for office, back office, server room and data center applications, the Online (3-Phase) Series adopts double-conversion topology to offer ideal power solution. With a rack and tower convertible form, selected products allow flexible installation and can be used within 19" standard rack cabinets. By paralleling multiple UPS units, this series can achieve higher capacity to meet different power requirements. Additionally, the color LCD with touch panel allows convenient system monitoring and configurations, while supporting screen rotation through LCD setting for proper viewing orientation.

SERIES FEATURES

- Three-phase Design
- Online (Double Conversion) UPS Topology
- ECO Mode
- High Output Power Factor
- Color LCD Panel
- LCD Touch Panel
- Generator Compatible
- Pure Sine Wave Output
- Battery Cold Start
- UPS Parallel Expansion
- Smart Battery Management (SBM)
- Extended Battery Module (EBM)
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel Management Software

PRODUCT CALLOUTS

- 1 . Power On/Off & Battery Cold Start Button
- 2 . LED Status Indicator
- 3 . LCD Control Panel
- 4 . Input Circuit Breaker
- 5 . Neutral Switch
- 6 . Maintenance Bypass Switch
- 7 . Input Terminal Block
- 8 . Output Terminal Block
- 9 . SNMP/HTTP Network Slot
- 10 . RS232
- 11 . RS485
- 12 . Dry Contact
- 13 . EPO Port
- 14 . Parallel Port
- 15 . Extended Battery Module Connector



OL3T030/40KERTHDS

TECHNICAL SPECIFICATIONS

Model Name	OL3T030KERTHDS	OL3T040KERTHDS
General		
Phase	Three Phase	
Form Factor	Tower	
Energy Saving Technology	ECO Mode Efficiency up to 98.9%	
Normal Mode Efficiency (%)	95.8%	
Battery Mode Efficiency (%)	95.5%	
Parallel Expansion (Max. Units)	4	
Input		
Default Input Voltage Range (Bypass)	10% - -15%	
Configurable Input Voltage Range (Bypass Mode)	±5%, ±10%	
Overload Protection (Bypass)	125% Load for continuous operation, 150% Load for 10 min, 1000% Load for 5 ms	
Default Frequency Tolerance (Bypass)	± 10%	
Configurable Frequency Tolerance (Bypass)	± 10 %, ± 20 %	
Current Rating of Neutral Cable (Bypass) (A)	1.7 x Input Rated Current	
Input Connector	L1, L2, L3, N, G	
Input Frequency Range (Hz)	40 - 70	
Input Power Factor	0.99	
Nominal Input Voltage (Vac)	Line to Neutral (L-N):220, 230, 240 Vac, Line to Line (L-L):380, 400, 415 Vac	
Input Voltage Range (Vac)	Line to Neutral (L-N):132 - 276 Vac, Line to Line (L-L):228 - 478 Vac	
Input Voltage Range Note	Conditional linear power de-rating	
THDI (%)	<3% (Full Linear Load)	<2% (Full Linear Load)
Output		
Capacity (VA)	30000	40000
Capacity (Watts)	30000	40000
Output Connector	L1, L2, L3, N, G	
Rated Output Voltage (Vac)	Line to Neutral (L-N):220, 230, 240 Vac, Line to Line (L-L):380, 400, 415 Vac	
Output Voltage Tolerance (%)	Balance Load: 1%	
Output Frequency (Hz ± %)	50 ± 0.2, 60 ± 0.16%	
Max Change Rate of Sync Frequency (Default) (Hz/sec)	1	
Power Factor	1	
Overload Protection (Line Mode)	102-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load for 200 ms	
Crest Factor	3 : 1	
Harmonic Distortion (Linear Load)	THD<1%	
Harmonic Distortion (Non-linear Load)	THD<3%	
Synchronization Window (Nominal) (Hz)	± 4	
Battery		
Compatible Battery Types	VRLA	
Charger Voltage Tolerance (%)	≤ 1 %	
Battery Solution	Extended Battery	
Battery Voltage (V)	±240	
Compatible Extended Battery Module (EBM)	BME480V55ART5U	
Compatible Extended Battery Cabinet (EBC)	SMBF17, SMBF20, SMBF26, SMBF33, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125	
External Battery Quantity	12V x 40(Default)/32/36pcs	
Management & Communications		
LCD Panel	Yes	
LCD Types	Color LCD, LCD Touch Panel	
LCD Information Display	Operation Type, Power Status, Battery Status, Load Status, Fault & Warning, Other Information, Event & Log	
LCD Setting & Control	Mode Setting, Input & Output, Battery Setting, Communication, Event & Log, Security Setting, Language	
LED Indicators	Yes	
Serial Port	RS485 x 1 + Dry Contact x 1	
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	
Physical		
Ingress Protection	IP20	
Physical Size - UPS Module		
Dimensions (WxHxD) (mm.)	219 x 483 x 760	
Maximum Dimensions (WxHxD) (mm.)	219 x 483 x 897 (Include wiring cover with cable gland)	
Weight (kg.)	44.7	
Environmental		
Operating Temperature (°C)	0 - 40	
Operating Temperature Note	Derating to 80% load between 41°C and 50°C	
Operating Relative Humidity (Non-condensing) (%)	0 - 95	
Operating Elevation (feet/meters)	0-9,843 feet (0-3,000 meters)	
Operating Elevation Note	At ≤1,000m above sea level, de-rate power by 1% per 100m between 1,000m and 3,048m	
Storage Temperature (°C)	-40 - 70	
Storage Relative Humidity (Non-condensing) (%)	0 - 95	
Audible Noise at 1.0M from Surface of Unit	56dBA (50% load), 66dBA (100% load)	
Certifications		
Certifications*	CE, BSMI, IEC62040-1, IEC62040-2, CNS 14757-2, CNS 14843-1	
RoHS	Yes	

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