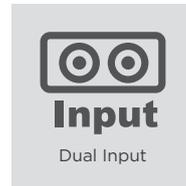
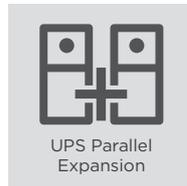


OLS3S15KE/OLS3S20KE
OLS3S15KEXL/OLS3S20KEXL

CORPORATE ONLINE 3-PHASE UPS TO ACHIEVE POWER REDUNDANCY



The 3-Phase UPS that can achieve N+X power redundancy for enterprise applications

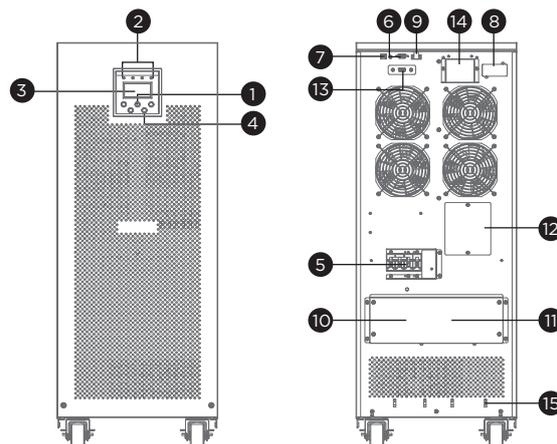
Designed for server room and data center applications, the Online S (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products are compatible with generators to prolong power continuity. The UPSs also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout to display UPS status. The power management software allows users to easily control and monitor the UPS system.

SERIES FEATURES

- Three Phase Tower UPS
- Online (Double Conversion) UPS Topology
- ECO Mode
- UPS Parallel Expansion
- Dual Inputs
- Generator Compatible
- Pure Sine Wave Output
- Maintenance Bypass Switch
- LCD Status Display
- Emergency Power Off (EPO) Port
- Battery Cold Start
- Extended Battery Module (EBM)
- Smart Battery Management (SBM)
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Management Software

PRODUCT CALLOUTS

1. Power On/Off Switch
2. LED Status Indicators
3. LCD Display Panel
4. Function Button(s)
5. Input Circuit Breaker
6. Serial Port
7. USB Port
8. SNMP/HTTP Network Slot
9. EPO Port
10. Input Terminal Block
11. Output Terminal Block
12. Maintenance Bypass Switch
13. Dry Contact (Optional)
14. Parallel Board Slot
15. Self-locking Frame



OLS3S15/20KE(XL)



TECHNICAL SPECIFICATIONS

Model Name	OLS3S15KE	OLS3S20KE	OLS3S15KEXL	OLS3S20KEXL
General				
Phase	Three Phase			
Form Factor	Tower			
Energy Saving Technology	Online ECO Mode Efficiency > 97%			
Normal Mode Efficiency (%)	0.94			
Battery Mode Efficiency (%)	0.92			
Parallel Expansion (Max. Units)	4			
Input				
Dual Power Inputs	Yes			
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):176 - 276 Vac, Line to Line (L-L):305 - 478 Vac			
Input Frequency (Hz)	50 ± 5, 60 ± 6			
Input Frequency Range (Hz)	45 - 66			
Input Power Factor	0.99			
Output				
Capacity (VA)	15000	20000	15000	20000
Capacity (Watts)	13500	18000	13500	18000
On Battery Voltage(s) (Vac)	208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%			
Rated Output Voltage (Vac)	Line to Neutral (L-N): 208, 220, 230, 240 Vac			
Output Frequency (Hz ± %)	50 ± 0.1, 60 ± 0.1			
Power Factor	0.9			
Overload Protection (Line Mode)	100-110% Load for 5 min, 110-130% Load for 1 min, 130-150% Load for 10 sec, >150% Load for 2 sec			
Crest Factor	3 : 1			
Harmonic Distortion (Linear Load)	THD < 2%			
Harmonic Distortion (Non-linear Load)	THD < 5%			
Battery				
Runtime at Half Load (min)	15.3	12.8	-	-
Runtime at Full Load (min)	6.4	1.5	-	-
Runtime at Half Load (For Specific Battery)	15.3mins at18AH	12.8mins at18AH	-	-
Runtime at Full Load (For Specific Battery)	6.4mins at18AH	1.5mins at18AH	-	-
Compatible Battery Types	VRLA			
Recharge Power (%)	Default3.5% (Selectable from1-5%x UPS Capacity)	Default2.67% (Selectable from1-5%x UPS Capacity)	Default5.3 % (Selectable from1-10%x UPS Capacity)	Default16% (Selectable from1-20%x UPS Capacity)
Charger Voltage Tolerance (%)	1%			
Battery Type	Sealed Lead-acid		-	
Battery Solution	Internal Battery		With Internal battery space (no battery included)	
Battery Quantity (pcs)	20		-	
Reserved Space for Internal Battery	40		-	
Battery Voltage (V)	240		-	
Single Battery Capacity (AH)	12 V 9 AH		-	
Compatible Extended Battery Module (EBM)	BPSE240V82A			
External Battery Quantity	12V x 40pcs			
Management & Communications				
LCD Panel	Yes			
LCD Information Display	Operation Type, Power Status, Battery Status, Load Status, Fault & Warning, Other Information, Event & Log			
LCD Setting & Control	Mode Setting, Alarm Setting, Input & Output, Battery Setting, Fault & Warning, Communication, Event & Log, Security Setting			
LED Indicators	Line Mode, Battery Mode, Bypass Mode, UPS Fault			
Serial Port	RS232			
Dry Contact (with Relay)	Optional			
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.)	350 x 890 x 650	350 x 890 x 650	-	
Weight (kg.)	172		-	
Physical Size - Power Module				
Dimensions (WxHxD) (mm.)	-	-	350 x 890 x 650	
Weight (kg.)	-	-	56	59
Environmental				
Operating Temperature (°C)	0 - 40			
Operating Relative Humidity (Non-condensing) (%)	0 - 90			
Operating Elevation (feet/meters)	≤1000, Load Derated 1% per 100m from 1000m and 2000m			
Storage Temperature (°C)	-15 - 45			
Storage Relative Humidity (Non-condensing) (%)	0 - 95			
Audible Noise at 1.5M from Surface of Unit (dBA)	60			
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.