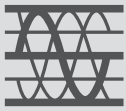
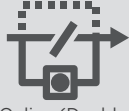


HSTP3T80KE/HSTP3T90KE
HSTP3T120KE

3-PHASE ONLINE UPS TO SAFEGUARD DATA CENTER



Three-phase
Design



Online (Double
Conversion) UPS
Topology



ECO Mode



LCD Touch Panel



UPS Parallel
Expansion



Input
Dual Inputs

The 3-Phase UPS with parallel expansion capability for enterprise applications

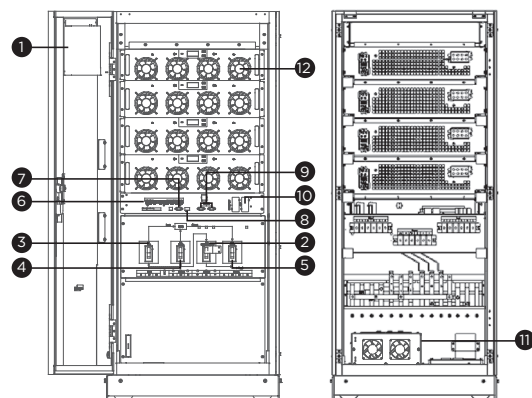
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout to display precise information. The power management software allows users to easily control and monitor the UPS system.

SERIES FEATURES

- Three-phase Design
- Online (Double Conversion) UPS Topology
- Hot-swappable Power Modules
- ECO Mode
- Color LCD Panel
- LCD Touch Panel
- UPS Parallel Expansion
- Dual Inputs
- Generator Compatible
- Pure Sine Wave Output
- Overload Protection
- Maintenance Bypass Switch
- LCD Status Display
- Emergency Power Off (EPO) Port
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel Management Software

PRODUCT CALLOUTS

- 1 . LCD Control Panel
- 2 . Maintenance Bypass Circuit Breaker
- 3 . Main Input Circuit Breaker
- 4 . Bypass Input Circuit Breaker
- 5 . Output Circuit Breaker
- 6 . Dry Contact
- 7 . RS232
- 8 . RS485
- 9 . Parallel Port
- 10 . SNMP/HTTP Network Slot
- 11 . Bypass Fan
- 12 . Power Module



HSTP3T80/90/120KE



TECHNICAL SPECIFICATIONS

Model Name	HSTP3T80KE		HSTP3T90KE	HSTP3T120KE
General				
Phase	Three Phase			
Form Factor	Tower			
Energy Saving Technology	ECO Mode Efficiency > 98%			
Normal Mode Efficiency (%)	96%	95%		
Battery Mode Efficiency (%)	96%	95%		
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):132 - 276 Vac, Line to Line (L-L):228 - 478 Vac			
Input Frequency (Hz)	50 ± 3, 60 ± 3			
Input Frequency Range (Hz)	40 - 70			
Input Power Factor	0.99			
Output				
Capacity (VA)	80000	90000	120000	
Capacity (Watts)	72000	81000	108000	
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 (%)	1.5%			
Output Frequency (Hz ± %)	50 ± 0.1, 60 ± 0.1			
Power Factor	0.9			
Overload Protection (Line Mode)	105-110% Load for 60 min, 110-125% Load for 10 min, 125-150% Load for 1 min, >150% Load Immediately			
Crest Factor	3 : 1			
Harmonic Distortion (Linear Load)	THD<1%			
Harmonic Distortion (Non-linear Load)	THD<5.5%			
Battery				
Compatible Battery Types	VRLA, AGM, Gel, Wet			
Recharge Power (%)	Default 10% (Selectable from 1-20% x UPS Capacity)			
Charger Voltage Tolerance (%)	≤ 1 %			
Battery Solution	Extended Battery			
Battery Voltage (V)	±240 (480)			
Compatible Extended Battery Cabinet (EBC)	SMBF17, SMBF20, SMBF26, SMBF33, SMBF40, SMBF65			
External Battery Quantity	12V x 40 pcs			
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	RS232 x 1 + 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				
Dimensions (WxHxD) (mm.)	600 x 1400 x 980			
Weight (kg.)	231		266	
Environmental				
Operating Temperature (°C)	0 - 40			
Operating Relative Humidity (Non-condensing) (%)	0 - 95			
Operating Elevation (meters)	≤1000, Load Derated 1% per 100m from 1000m and 2000m			
Storage Temperature (°C)	-40 - 70			
Storage Relative Humidity (Non-condensing) (%)	0 - 95			
Audible Noise at 1.0M from Surface of Unit (dBA)	65			
Certifications				
Certifications*	CE, IEC62040-1, IEC62040-2			

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

