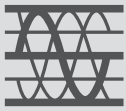
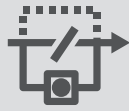


HSTP3T10KE/HSTP3T15KE  
HSTP3T20KE/HSTP3T30KE  
HSTP3T40KE

### 3-PHASE ONLINE UPS TO ACHIEVE POWER REDUNDANCY



Three-phase  
Design



Online (Double  
Conversion) UPS  
Topology



ECO Mode



UPS Parallel  
Expansion



Dual Inputs



Maintenance  
Bypass Switch

### The 3-Phase UPS with parallel expansion capability to achieve N+X power redundancy for enterprise applications

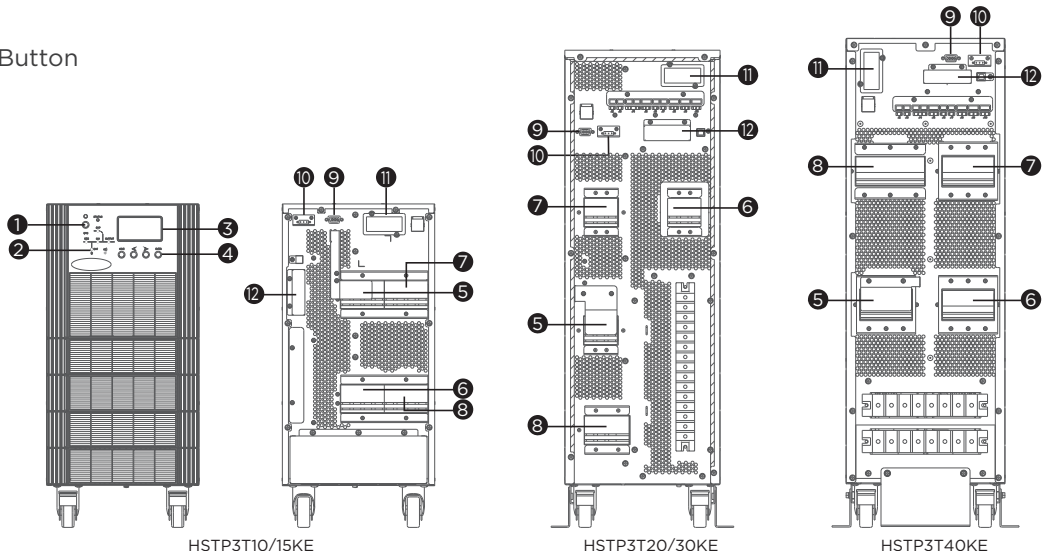
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout 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
- ECO Mode
- UPS Parallel Expansion
- Dual Inputs
- Generator Compatible
- Pure Sine Wave Output
- Overload Protection
- Maintenance Bypass Switch
- LCD Status Display
- Emergency Power Off (EPO) Port
- PowerPanel Management Software

#### PRODUCT CALLOUTS

1. Emergency Power Off (EPO) Button
2. LED Status Indicator
3. LCD Display Panel
4. Function Buttons
5. Maintenance Bypass Switch
6. Main Input Circuit Breaker
7. Bypass Input Circuit Breaker
8. Output Circuit Breaker
9. RS232
10. RS485
11. SNMP/HTTP Network Slot
12. Parallel Board Slot



HSTP3T10/15KE

HSTP3T20/30KE

HSTP3T40KE

HSTP3T10KE/HSTP3T15KE  
HSTP3T20KE/HSTP3T30KE  
HSTP3T40KE



TECHNICAL SPECIFICATIONS

Model Name	HSTP3T10KE	HSTP3T15KE	HSTP3T20KE	HSTP3T30KE	HSTP3T40KE
General					
Phase	Three Phase				
Form Factor	Tower				
Energy Saving Technology	Online ECO Mode Efficiency > 98%				
Normal Mode Efficiency (%)	95%				96%
Battery Mode Efficiency (%)	95%				96%
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 (Configurable) (Hz)	50 ± 1, 60 ± 1, 50 ± 5, 60 ± 5				
Input Frequency Range (Hz)	40 - 70				
THDI (%)	<3% (Linear Load)				
Input Power Factor	0.99				
Output					
Capacity (VA)	10000	15000	20000	30000	40000
Capacity (Watts)	9000	13500	18000	27000	36000
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 (%)	Line Mode & Battery Mode: 1%				
Output Frequency (Hz ± %)	Line Mode & Battery Mode: 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%				
Battery					
Compatible Battery Types	VRLA, AGM, Gel, Wet, Lithium-ion				
Charger Voltage Tolerance (%)	≤ 1 %				
Recharge Power (%)	Default 10% (Selectable from 1-20% x UPS Capacity)				
Battery Solution	Extended Battery				
Battery Voltage (V)	±240 (480)				
Compatible Extended Battery Cabinet (EBC)	SMBF17, SMBF20, SMBF26, SMBF33, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125				
External Battery Quantity	12V x 40(Default)/32/34/36/38/42/44pcs (32/34pcs require UPS power de-rating)				
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, Input & Output, Battery Setting, Communication, Event & Log, Security Setting, Language				
LED Indicators	Yes				
Serial Port	RS232 x 1 + RS485 x 1 + Dry Contact x1				
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.)	250 x 530 x 660		250 x 770 x 680		250 x 770 x 836
Weight (kg.)	31		50		61
Environmental					
Operating Temperature (°C)	0 - 40				
Operating Relative Humidity (Non-condensing) (%)	0 - 95				
Operating Elevation (feet/meters)	≤1000, Load Derated 1% per 100m from 1000m and 2000m				
Storage Temperature (°C)	-40 - 70				
Storage Relative Humidity (Non-condensing) (%)	0 - 95				
Certifications					
Certifications*	CE, IEC62040-1, IEC62040-2				

\*Certifications may vary according to different regions. Visit [www.cyberpower.com](http://www.cyberpower.com) for more information.  
#All specifications are subject to change without notice.

