CyberPower

HSTP3T (3-PHASE) SERIES

HSTP3T10KE/HSTP3T15KE
HSTP3T20KE

3-PHASE ONLINE UPS TO ACHIEVE POWER REDUNDANCY

Three-phase Design

ECO Mode

UPS Parallel Expansion

Dual Input

Generator Compatible

Maintenance Bypass Switch

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

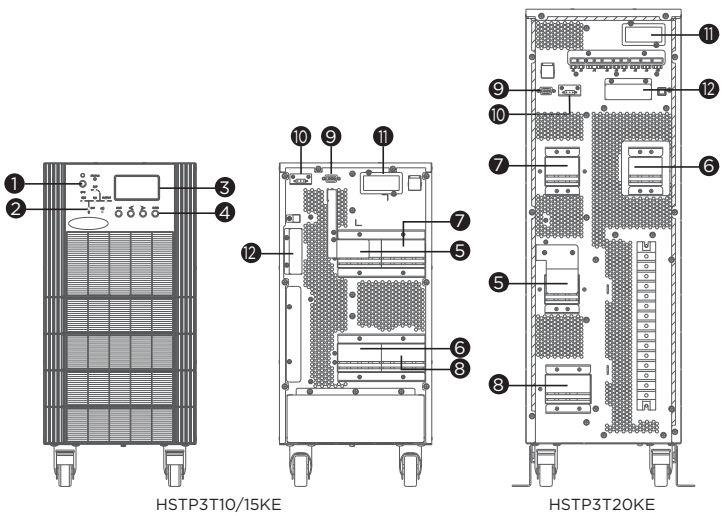
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout 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
- SNMP/HTTP Remote Management Capability (Optional)

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 HSTP3T20KE

TECHNICAL SPECIFICATIONS

Model Name	HSTP3T10KE	HSTP3T15KE	HSTP3T20KE
General			
Phase	Three Phase		
Form Factor	Tower		
Energy Saving Technology	Online ECO Mode Efficiency > 98%		
Normal Mode Efficiency (%)	95%		
Battery Mode Efficiency (%)	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		
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)	10000	15000	20000
Capacity (Watts)	9000	13500	18000
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%		
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		
Compatible Extended Battery Cabinet (EBC)	SMBF20		
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, 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
Weight (kg.)	31		50
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		
Audible Noise at 1.0M from Surface of Unit (dBA)	58		
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.