CyberPower

HSTP3T (3-PHASE) SERIES

HSTP3T15KE-C/HSTP3T20KE-C
HSTP3T30KE-C/HSTP3T40KE-C

3-PHASE ONLINE UPS TO ACHIEVE POWER REDUNDANCY

Three-phase Design

ECO
Online ECO Mode

UPS Parallel Expansion

Input
Dual Inputs

Generator Compatible

Bypass
Maintenance Bypass Switch

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

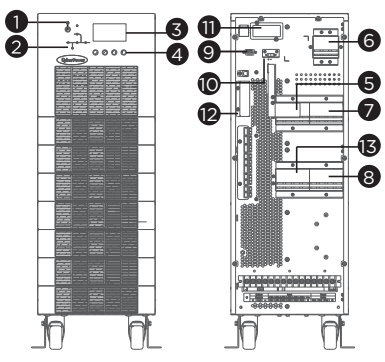
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout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

SERIES FEATURES

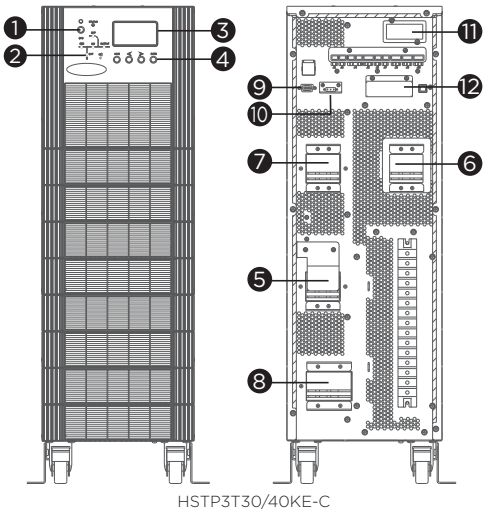
- Three-phase Design
- Online (Double Conversion) UPS Topology
- Online ECO Mode
- UPS Parallel Expansion
- Dual Inputs
- Generator Compatible
- Pure Sine Wave Output
- Overload Protection
- Maintenance Bypass Switch
- LCD Status Display
- Emergency Power Off (EPO) Port

PRODUCT CALLOUTS

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



HSTP3T10_15KEBC



HSTP3T30/40KE-C

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TECHNICAL SPECIFICATIONS

Model Name	HSTP3T15KE-C	HSTP3T20KE-C	HSTP3T30KE-C	HSTP3T40KE-C
General				
Phase	Three Phase			
Form Factor	Tower			
Energy Saving Technology	Online ECO Mode Efficiency up to 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 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)	15000	20000	30000	40000
Capacity (Watts)	12000	16000	24000	32000
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 (%)	1.50%			
Output Frequency (Hz ± %)	50 ± 0.1, 60 ± 0.1			
Power Factor	0.8			
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			
Extended Battery Cabinet (EBC) Models	SMBF17, SMBF20, SMBF26, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125			
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				
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 1M from Surface of Unit (dB)	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.

CE

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