CyberPower

HSTP3T (3-PHASE) SERIES



HSTP3T10KEBCWOB/HSTP3T15KEBCWOB
HSTP3T20KEBCWOB/HSTP3T30KEBCWOB
HSTP3T40KEBCWOB

3-PHASE ONLINE UPS TO SAFEGUARD DATA CENTER

Three-phase Design

Online (Double Conversion) UPS Topology

ECO Mode

UPS Parallel Expansion

Input
Dual Inputs

Remote Management Capability

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

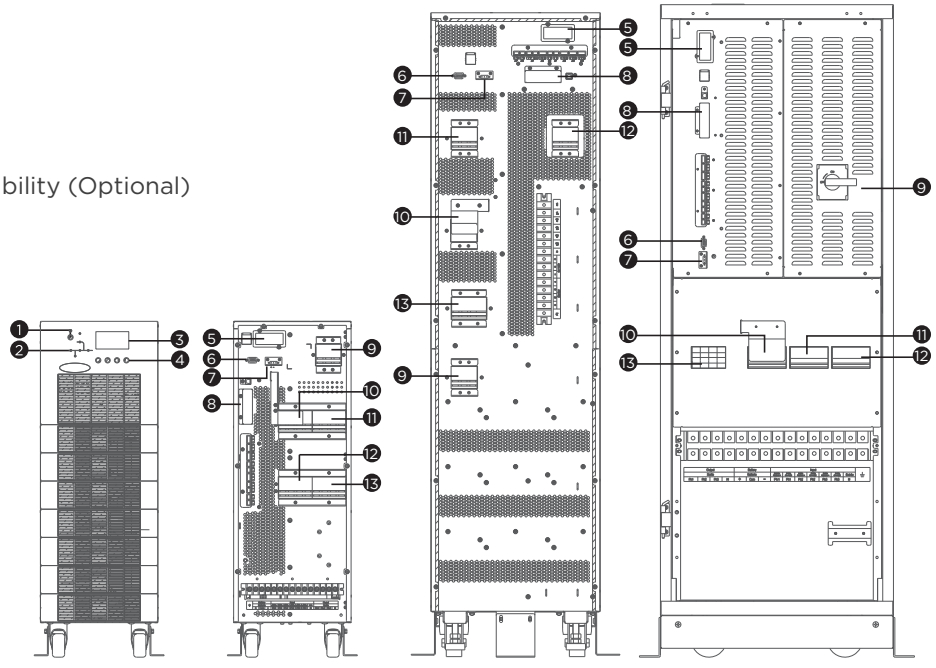
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout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

PRODUCT CALLOUTS

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



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HSTP3T10KEBCWOB/HSTP3T15KEBCWOB
HSTP3T20KEBCWOB/HSTP3T30KEBCWOB
HSTP3T40KEBCWOB



TECHNICAL SPECIFICATIONS

Model Name	HSTP3T10KEBCWOB	HSTP3T15KEBCWOB	HSTP3T20KEBCWOB	HSTP3T30KEBCWOB	HSTP3T40KEBCWOB
General					
Phase	Three Phase				
Form Factor	Tower				
Energy Saving Technology	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 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)	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 (%)	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					
Runtime at Half Load (min)	25	8	18	9	11
Runtime at Full Load (min)	12	5	7	2	
Runtime at Half Load (For Specific Battery)	25 mins at 9AH	18 mins at 9AH	18 mins at 12AH	9 mins at 12AH	18 mins at 24AH
Runtime at Full Load (For Specific Battery)	12 mins at 9AH	5 mins at 9AH	5.5 mins at 12AH	2 mins at 12AH	5 mins at 24AH
Compatible Battery Types	VRLA, AGM, Gel				
Recharge Power (%)	Default 10% (Selectable from 1-20% x UPS Capacity)				
Charger Voltage Tolerance (%)	≤ 1%				
Battery Solution	With Internal battery space (no battery included)				
Reserved Space for Internal Battery (pcs)	40				80
Battery Voltage (V)	±240 (480)				
Single Battery Capacity (AH)	12 V 9 AH		12 V 12 AH		
Compatible Extended Battery Cabinet (EBC)	BCA100N125, BCA12N63, BCA20N125, BCA40N125				
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 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.)	250 x 715 x 840		350 x 1335 x 738		500 x 1400 x 840
Weight (kg.)	52.1		89.7	89	140
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)	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.

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CE

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