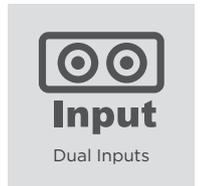
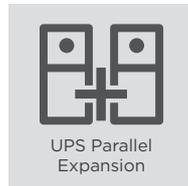
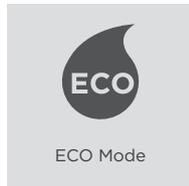


HSTP3T60KE/HSTP3T80KE  
HSTP3T90KE/HSTP3T100KE/HSTP3T120KE

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



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

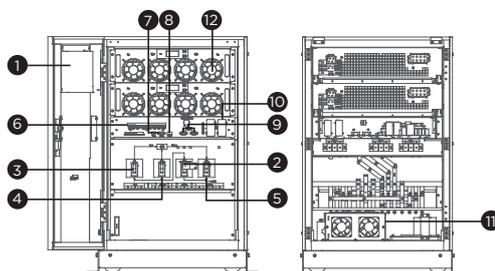
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout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

#### SERIES FEATURES

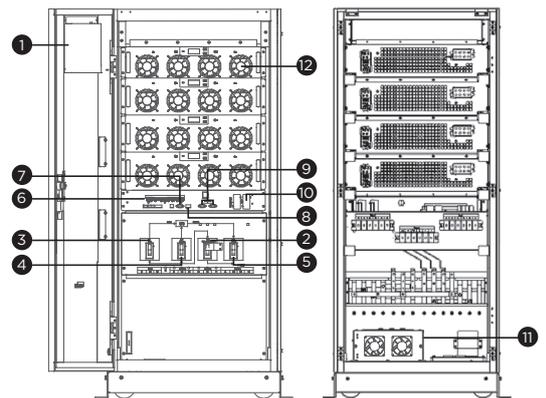
- Three-phase Design
- Online (Double Conversion) UPS Topology
- Hot-swappable Power Modules
- ECO Mode
- Color LCD Panel
- LCD Touch Panel
- UPS Parallel Expansion
- Dual Inputs
- Generator Compatible
- Pure Sine Wave Output
- Overload Protection
- Maintenance Bypass Switch
- LCD Status Display
- Emergency 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



HSTP3T60KE



HSTP3T80/90/100/120KE



## TECHNICAL SPECIFICATIONS

Model Name	HSTP3T60KE	HSTP3T80KE	HSTP3T90KE	HSTP3T100KE	HSTP3T120KE
<b>General</b>					
Phase	Three Phase				
Form Factor	Tower				
Energy Saving Technology	Online ECO Mode Efficiency up to 98%				
Normal Mode Efficiency (%)	95%	96%	95%	96%	95%
Battery Mode Efficiency (%)	95%	96%	95%	96%	95%
Parallel Expansion (Max. Units)	4				
<b>Input</b>					
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				
<b>Output</b>					
Capacity (VA)	60000	80000	90000	100000	120000
Capacity (Watts)	54000	72000	81000	90000	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%				
<b>Battery</b>					
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, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125				
External Battery Quantity	12V x 40 pcs				
<b>Management &amp; Communications</b>					
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 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				
<b>Physical</b>					
Ingress Protection	IP20				
<b>Physical Size</b>					
Dimensions (WxHxD) (mm.)	600 x 950 x 980	600 x 1400 x 980		600 x 1400 x 980	
Weight (kg.)	170	231		266	
<b>Environmental</b>					
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				
<b>Certifications</b>					
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.