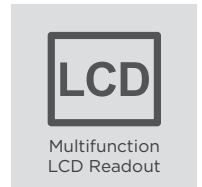
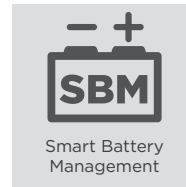
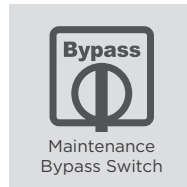
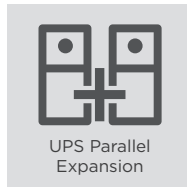
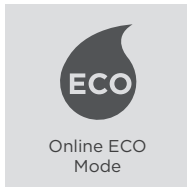
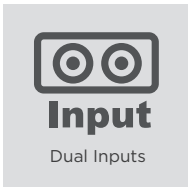


HSTP3T60KE/HSTP3T80KE
HSTP3T90KE/HSTP3T100KE/HSTP3T120KE

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

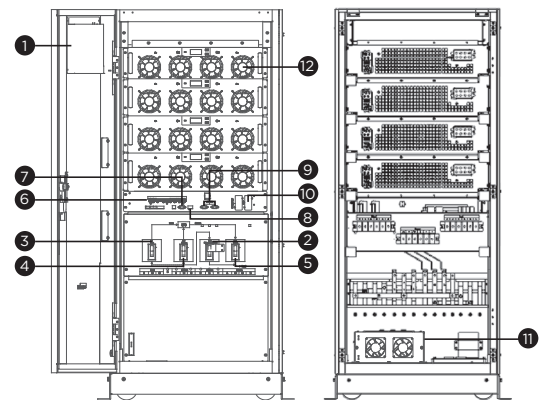
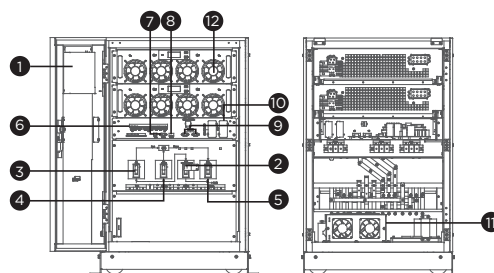
Designed for server room and data center applications, the HSTP3T (3-Phase) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products also adopt ECO Mode to save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout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





TECHNICAL SPECIFICATIONS

| Model Name | HSTP3T60KE | HSTP3T80KE | HSTP3T90KE | HSTP3T100KE | HSTP3T120KE |
|--|--|-------------------|------------|-------------------|-------------|
| 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) | 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 (%) | 1.50% | | | | |
| 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 (%) | Default10 % (Selectable from 1-20%x UPS Capacity) | | | | |
| Charger Voltage Tolerance (%) | 1% | | | | |
| Battery Solution | Extended Battery | | | | |
| Battery Voltage (V) | ±240 | | | | |
| Compatible Extended Battery Cabinet (EBC) | SMBF17, SMBF20, SMBF26, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125 | | | | |
| External Battery Quantity | 12V x 40 pcs | | | | |
| Management & Communications | | | | | |
| LCD Panel | Yes | | | | |
| Color LCD | Yes | | | | |
| LCD Touch 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.) | 600 x 950 x 980 | 600 x 1400 x 980 | | 600 x 1400 x 980 | |
| Weight (kg.) | 170 | 231 | | 266 | |
| Shipping Dimensions | | | | | |
| Dimensions (WxHxD) (mm.) | 755 x 1150 x 1130 | 755 x 1600 x 1130 | | 755 x 1600 x 1130 | |
| Weight (kg.) | 203.5 | 281 | | 313 | |
| 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 1.5M from Surface of Unit (dBA) | 65 | | | | |
| 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.

