CyberPower

HSTP33 (3-PHASE) SERIES

HSTP3T60KE/HSTP3T80KE
HSTP3T90KE/HSTP3T100KE/HSTP3T120KE

3-PHASE ONLINE UPS TO ACHIEVE POWER REDUNDANCY

Input	ECO		Bypass	SBM	LCD
Dual Input	Online ECO Mode	UPS Parallel Expansion	Maintenance Bypass Switch	Smart Battery Management	Multifunction LCD Readout

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 HSTP33 (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.

APPLICATION

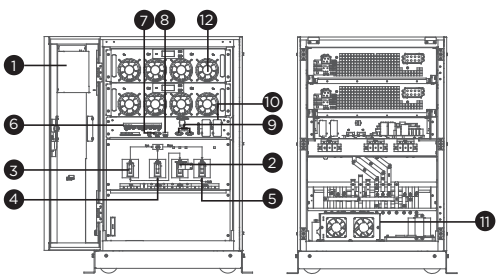
- Server Room
- Factory
- Train Station
- Data Center
- Airport

SERIES FEATURES

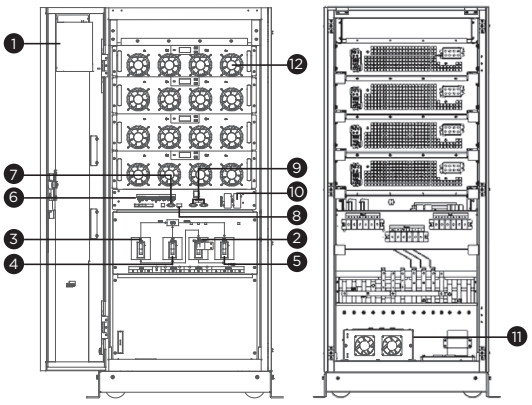
- Dual Input Design
- Online ECO Mode
- UPS Parallel Expansion
- Maintenance Bypass Switch
- Smart Battery Management
- Multifunction LCD Readout
- Emergency Power Off
- PowerPanel® Business Software

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
General					
Phase	Three Phase Tower UPS	Three Phase Tower UPS	Three Phase Tower UPS	Three Phase Tower UPS	Three Phase Tower UPS
Energy Saving Technology	Online ECO Mode Efficiency > 98%				
Normal Mode Efficiency (%)	95%	96%	95%	95%	95%
Battery Mode Efficiency (%)	95%	96%	95%	95%	95%
Parallel Expansion (Max. Units)	4	4	4	4	4
Input					
Dual Power Inputs	Yes	Yes	Yes	Yes	Yes
Input Voltage (Vac)	Line to Neutral (L-N):220 ~ 240 Vac, Line to Line (L-L):380 ~ 415 Vac				
Input Frequency (Hz)	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3
Input Power Factor	0.99	0.99	0.99	0.99	0.99
Output					
Capacity (VA)	60000	80000	90000	100000	120000
Capacity (Watts)	54000	72000	81000	90000	108000
Output Voltage (Vac)	Line to Line (L-L):380 ~ 415 Vac, Line to Neutral (L-N):220 ~ 240 Vac				
Output Voltage Tolerance (%)	1.5%	1.5%	1.5%	1.5%	1.5%
Power Factor	0.9	0.9	0.9	0.9	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	3:1	3:1	3:1	3:1
Harmonic Distortion (Linear Load)	THD＜1%	THD＜1%	THD＜1%	THD＜1%	THD＜1%
Harmonic Distortion (Non-linear Load)	THD＜5.5%	THD＜5.5%	THD＜5.5%	THD＜5.5%	THD＜5.5%
Battery					
Maximum Recharge Power (%)	20%	20	20%	20	20%
Charger Voltage Tolerance (%)	1%	1%	1%	1%	1%
Management & Communications					
LCD Panel	Yes	Yes	Yes	Yes	Yes
Serial Port	RS232 x 1 + RS485 x 1 + Dry Contact x1				
Dry Contact (with Relay)	Yes	Yes	Yes	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes	Yes	Yes	Yes
Power Management Software	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205				
Physical					
Ingress Protection	IP20	IP20	IP20	IP20	IP20
Physical Size					
Dimensions (WxHxD) (mm.)	600 x 950 x 980	600 x 1400 x 980	600 x 1400 x 980	600 x 1400 x 980	600 x 1400 x 980
Weight (kg.)	170	231	231	266	266
Environmental					
Operating Temperature (°C)	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40
Operating Relative Humidity (Non-condensing) (%)	0 ~ 95	0 ~ 95	0 ~ 95	0 ~ 95	0 ~ 95
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