

## PowerHeart T 10~60kVA 3 Phases Rack UPS



10 ~60 kVA





3P/3P,3P/1P,1P/1P,Online double conversion

## Designed to CARE

Small & Medium Data Center, High Density Smart Solutions, Light Industrial Applications, Smart Industry, Medium and Large Offices, Corporate Buildings.

## ( Characteristics

- Mounted in 19 inch rack, or install as tower UPS.
- 7 inch touch LCD with IoT functions.
- Flexible configuration as 3/3,3/1,1/1.
- High power density, small volume, 30KW in 3U
- High reliability and environment adaptibility.





Model		PHTT010LR	PHTT015LR	PHTT020LR	PHTT030LR	PHTT040LR	PHTT060LR
Rate Power		10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
Main input	Input	3P5W (3P+N+PE)					
	Rate Voltage	380/400/415VAC(L-L): 220/230/240VAC(L-N)					
	Rate Freq.	50/60Hz					
	Input PF	>0.99					
	Current distortion	THDik3% 100% Linear) load					
	Voltage range	304 478VAC(L-L)full load 304 228VAC (L-L) power derate from 100% to 75%					
	Freq. range	40-70Hz					
Battery	Rate voltage	±240VDC					
	Charging capacity	20%*Pout					
	Charging accuracy	±1%					
Bypass	Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)					
	Voltage range	Range: -40%- +25% , Settable, default -20% +15%					
	Frequency range	50/60Hz Settable ±1Hz ±3Hz ±5Hz					
Inverter	Rate voltage	380/400/415VAC(L-L): 220/230/240VAC(L-N)					
	Rate Freq.	50/60Hz					
	Output PF	=1=					
	Voltage accuracy	±1.0%					
	Load response	<5% (20% - 80% -20% step load)					
	Recovery time	< 20ms (0% - 100% -0% step load)					
	Output THDu	<1% ( linear load ) ,<5% ( non-linear load according to IEC 62040-3 )					
	Overload	110%,1 hour 125%,10 mins 150%,1 min >150%,200ms					
	Frequency accuracy	0.1%					
	Synchronize window	Settable ±0.5Hz-±5Hz default ±3Hz					
	Slew rate	Settable 0.5Hz/S-3Hz/S default 0.5Hz/S					
	Crest factor	3:1					
	Phase Accuracy	120°±0.5°					
System	Efficiency	Normal Mode up to 96%; Battery Mode up to 96%					
	Display	LED + 7 inch touch LCD					
	Certification- Safety	IEC62040-1, IEC60950-1					
	Certification- EMS	IEC62040-2 IEC61000-4-2(ESD) IEC61000-4-3(RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge)					
	IP degree	IP20					
	Configuration	USB, RS232, RS485, Dry contact					
	Option	SNMP card, AS400 card, Parallel kit, LBS, Air filter, Cold start					
	Environment	0-40°C (operation); -25°C-70°C (storage); 0-95% (Humidity, non-condensing)					
Dimension (W*D*H) mm			440*774	*130 (3U)		440*788*174 (4U)	440*780*308 (7U)
١	Weight(kg)		27	28	29	38	60