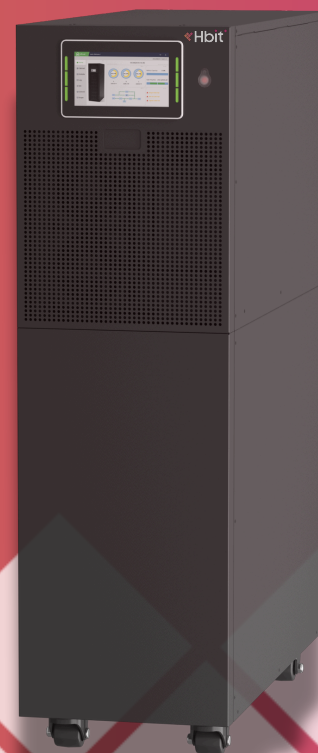




POWERHEART UPS CATALOGUE (THREE PHASE)



PowerHeart T

10~30kVA 3 Phases Rack UPS



Power range

10 ~30 kVA



Operation

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 adaptability.



Model		PHTT010LR-LV	PHTT015LR-LV	PHTT020LR-LV	PHTT030LR-LV
Rate Power		10kVA	15kVA	20kVA	30kVA
Main input	Input	3P5W (3P+N+PE)			
	Rate Voltage	200/208/220VAC(L-L)			
	Rate Freq.	50/60Hz			
	Input PF	>0.99			
	Current distortion	THDi<3% 100% Linear load			
	Voltage range	166 261VAC(L-L)full load 125 166VAC (L-L) power derate from 100% to 50%			
	Freq. range	40-70Hz			
Battery	Rate voltage	±120VDC(default 20 PCS,16-24 PCS, selceted)			
	Charging capacity	20%*Pout			
	Charging accuracy	±1%			
Bypass	Rate voltage	200/208/220VAC(L-L)			
	Voltage range	Range: -40%- +25% , Settable, default -20% +15%			
	Frequency range	50/60Hz Settable ±1Hz ±3Hz ±5Hz			
Inverter	Rate voltage	200/208/220VAC(L-L)			
	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 93%; Battery Mode up to 93%			
	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 operation -25 ~70 storage 0-95% (Humidity, non-condensing)			
	Dimension (W*D*H) mm	440*774*130 (3U)		440*788*174 (4U)	440*780*308 (7U)
	Weight(kg)	28	29	38	60