

10KVA~400KVA, PF 0.8
3phase In/3phase Out(3:3)
Online Transformer Base UPS



HT Series

Overview

HT Series Low Frequency Online UPS includes 3phase in/3phase out from HT6K~HT400K, which can be in parallel with 8 units UPS directly, conveniently and fast. flexible parallel technology could be applied to different loads and system. According to the needs of customers' constitute, it could make N+1 or N+X construction, but also according to the different needs of customers with different capacity, it could be in parallel with random 8 units UPS, and all the load will be loaded by all 8 units UPS average of the parallel redundant UPS system. Any UPS of the parallel redundant system was failed, the UPS will share its load immediately, to ensure system running normally. During the process of the parallel UPS, it does not set the host and the standby one, but was selected by customers flexibly. The first turned on UPS is automatically set to the host, when the host system failed, the host identity immediately transferred to another UPS, thereby ensuring the supply of electricity for clients during the using process, so it could become a true uninterruptible power supply.

Features

- Function Features DSP Digital Control Technology
- Advanced IGBT Inverter Technology
- Pure-online Double Conversion Technology
- Perfect Protection
- Powerful Redundant Parallel Connection Function
- Prediction Warning System
- Powerful Communication System
- Low-power Dissipation But High-efficiency
- Humanized Panel Display
- Super-strong Environment Adaptability
- Advanced Communication Features
- Powerful Overload Ability



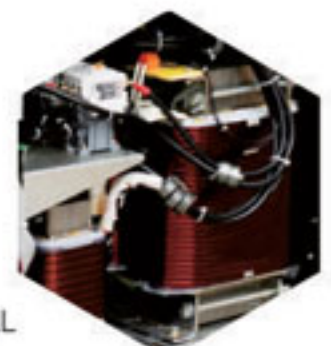
INNOVATION



SCIENCE



ENVIRONMENTAL PROTECTION



Applied Scope

- Data center
- Industrial equipment
- Financial and securities
- Large internet computer room
- Postal and telecommunications
- Energy and electricity
- Industrial and commercial tax affair
- Medical and health

Technical Data

» 10KVA~400KVA 3:3

HT10K~400K (Three phase in and Three phase out)																
Model	HT10K	HT15K	HT20K	HT30K	HT40K	HT50K	HT60K	HT80K	HT100K	HT120K	HT160K	HT200K	HT250K	HT300K	HT400K	
Capacity (VA/W)	10K/8K	15K/12K	20K/16K	30K/24K	40K/32K	50K/40K	60K/48K	80K/64K	100K/80K	120K/96K	160K/128K	200K/160K	250K/200K	300K/240K	400K/320K	
Battery Voltage	384V							432V		480V						
UPS Efficiency	≥95%															
Noise	48~54dB(Distance 1m)			53~60dB(Distance1m)			53~62dB(Distance1m)			54~65dB(Distance1m)						
Size (WxDxHmm)	555x725x1220					800x745x1400			1070x745x1400		1420x745x1805		1630x1026x1902			
Weight(Kg) (Excluding battery)	200	235	260	315	335	470	480	560	730	870	1160	1210	2150	2450	2850	
Input	Voltage		3 phases 4 wires and ground,380V±25%													
	Frequency		50Hz/60Hz±5%(Automatically)													
	Power factor		0.95													
Inverter Output	Voltage		3 phases 4 wires,380V±1%													
	Frequency		50Hz/60Hz ± 0.05%(By Battery)													
	Harmonic distortion		Linear Load<3%, Non-linear Load<5%													
	Imbalance voltage		Balance load=1%,Imbalance load=3%													
	Phase shif angle		Balance load=1 , Imbalance load=2													
	Transient response		Output at 0~50%~100% 5%, response 10ms													
	Overload capacity		110% 300 Min,125% 10 Min,150% 1 Min													
	Crest Factor		3:1													
	Wave form		Pure sina wave													
	Transfer time		0ms													
Battery	Max. charging current		0.2AxC10													
	Charging time(Standard)		12hours													
System	Protective function		Input over-voltage, under-voltage; output overload, shortcircuit; Inverter over-temperature; Battery under-voltage, over-voltage													
	Running temperature & Humidity		0℃-40℃ degree Celsius, Less than 95% (without condensing)													
	Altitude		<1000m (with increase of 100m, it will reduce output of 1%) max 4000m													
	Communication interface		RS232													
	Remote signaling		Dry contact (battery low, battery discharging, bapass/fault) , EPO													
	Remote control		EPO and bypass													
	Degree of Protection		IP20 (front door opened)													
	Parallel mode		N+1,N+X,can be in parallel with differencnt power capacity													
	Software interface		Windows9x,2000,NT,ME,XPLinux,Novell,Macosx,NT4.0													
	Mean time between failures		300,000 Hours													
Optional		Dustproof & dampproof, Isolating inverter transformer, lightning surge absorption, static switches, manual maintainence switch														

- All specifications subject to change without notice
- Custom-made specifications are acceptable