

HTC SERIES

10-120 KVA



High Productive online power protection

HT-C Series uninterruptible power sources are the highly reliable devices with its 3 phase input and 3 phase output, IGBT rectifier, using IGBT and IPM (Intelligent Power Module) technologies by input and output, having high power input factor, low power input harmonic distortion.

These devices having optionally wireless remote tracing panel and available to launch a graphic screen on are the top examples of uninterruptible power source technology.

HTC SERIES		HT10C	HT15C	HT20C	HT30C	HT40C	HT60C	HT80C	HT100C	HT120C	
INPUT	Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	
	Input Voltage	380 / 400 / 415 VAC									
	Input Frequency	50 / 60 Hz									
	Input Connection	3Ph+N+PE									
	Input Voltage Window	-20 % ~ + 25 at full load, -40 % ~ + 20 % at 70%~100% load level									
	Input Frequency Window	40 Hz ~ 70 Hz									
	Input Power Factor	> 0.99									
	Input THDi	3%									
	Bypass Voltage	380 / 400 / 415 VAC									
	Bypass Voltage Window	-20 % ~ + 15 % at Full Load									
BATTERY	Battery Configuration	12V, 40pcs (36~44pcs acceptable)									
	Charger Power	20% Power									
	Charger Voltage Precision	1 %									
	Output Voltage	380 / 400 / 415 VAC									
OUTPUT	Voltage Precision	1 % For balanced load, 1,5 % For unbalanced load									
	Output Voltage Transient	5 % (0~100% load step)									
	Output Voltage THDU	< 1 % (Linear Load)									
	Power Factor	0.9									
	Frequency Tracking Range	50/60Hz ± 3Hz, adjustable									
	Frequency Precision (Free Running)	±0,02%									
	Phase Tolerance	120° ± 0,5° (balanced and unbalanced load)									
	Frequency Tracking Speed	0,5Hz/s to 5Hz/s, adjustable									
	Crest Factor	3:1									
	Inverter Overload Capability	102% long time operation, 110%, transfer to bypass after 1 hour, 125%, transfer to bypass after 10 minutes, 150%, transfer to bypass after 1 minute, >150%, transfer to bypass after 200ms									
	Bypass Overload Capability	125% long time operation, 125%<load<130%, last for more than 1 hour, 130%<load<150%, last for more than 6 minutes, >1000%, last for more than 100ms									
	Battery Mode Efficiency	95%									
	Display	LCD+LED, Keyboard					LCD+LED, Touch Screen and Keyboard				
	GENERAL	EMI	IEC62040-2								
EMS		IEC61000-4-2(ESD), IEC61000-4-3(RS), IEC61000-4-4(EFT) IEC61000-4-5(Surge)									
Protection Class		IP20									
Interface (Communication Ports)		RS232, RS485, Dry contacts, SNMP card, EPO, Generator interface									
Installation Connection		Top or bottom cable connection									
Operation Temperature		0 ~ 40 °C									
UPS Storage Temperature		-25 ~ 70 °C									
Recommended Battery Storage Tem.		-20 ~ 30 °C									
Relative Humidity		0 ~ 90%(non-condensing)									
Noise		< 55dBA									
Net Weight		68 kg	68 kg	68 kg	80 kg	182 kg	204 kg	226 kg	270 kg	292 kg	
Dimension (WxHxD)	540x1100x690 mm				600x1400x900 mm			600x1700x900 mm			