

HT Series 10-15-20-30 kVA

3/3 Online UPS



- ✓ Dsp Digital control technology
- ✓ Active power factor correction(APFC), input power factor up to 0.99
- ✓ Output power factor 0.9
- ✓ LCD+LED display,multi-functional keys operation,friendly human-machine interface
- ✓ Dual input
- ✓ Flexible battery configuration for using 14/16/18/20 pcs batteries
- ✓ Advanced battery management, automatic floating/equalizing charge control, charger dormancy control
- ✓ Effective software and hardware protectional function, powerful self diagnostic function,abundant historical records
- ✓ Optional N+X redundancy parallel up to 6 units
- ✓ Opsiyonel RS485/SNMP/AS400 communication port and SMS alarms
- ✓ Work efficiency up to 98% in ECO mod
- ✓ Auto fan speed control when loads varies

Technical Specifications				
Capacity	10 kVA / 9 kW	15 kVA / 13.5 kW	20 kVA / 18 kW	30 kVA / 27 kW
INPUT				
Rated Voltage	360V / 380V / 400V / 415 Vac three phase (3Φ+N+PE)			
Voltage Range	277 ~ 485 VAC 190 ~ 277 VAC (Linear Derating Between 50% and 100% Load)			
Rated Frequency	50 / 60 Hz (Auto Sense)			
Frequency Range	40 ~ 70 Hz			
Power Factor	≥ 0.99			
Bypass Voltage Range	-40% ~ +15% (Settable)			
OUTPUT				
Voltage	360V / 380V / 400V / 415 Vac three phase (3Φ+N+PE) (Settable)			
Voltage Regulation	± 1%			
Frequency	Sync to the network in network mode; 50/60 ± 0.1 Hz in battery mode			
Power Factor	0.9			
Crest Factor	3:1			
Total Harmonic Distortion (THDv)	≤ 2% (Linear Load); ≤ 5% (Non Linear Load)			
Transfer Time	From mains to battery mode: 0 ms; Inverter to bypass mode: 0 ms			
Inverter Overload Capability	102% ~ 125%: 10 minutes transfer; 125% ~ 150%: 1 min. > 150%: transfer bypass to 0.5 s			
BATTERY				
DC Voltage	Standard Model: 240 VDC; Long Term Model: 192 VDC (192V / 216V / 240V Optional)			
Inbuilt Battery of Standard Model	20x9 Ah	40x9 Ah	40x9 Ah	60x9 Ah
SYSTEM				
Efficiency	Network Mode: ≥ 95%; ECO mod: ≥98			
Display	LCD+LED			
Alarm	Battery Mode, Battery Low, Fan failure etc.			
Maximum Paralel Numbers	6			
EMI / EMS	Short Circuit - Overload - Over Temperature - Battery Low - Over Voltage - Low Voltage - Fan Error			
Communications	RS232 / USB / EPO (Standart) ; RS485 / AS400 / SNMP (Optional)			
OTHERS				
Humidity	0 ~ 40°C			
Relative Humidity	< 95% (Condensing)			
Noise Level	≤ 60 dB (1m)	≤ 65 dB (1m)		
Protection Class	IP20			
Dimensions (WxDxH) [mm]	350×655×732 (L)			
Packaged Dimensions (WxDxH) [mm]	350×785×858 (S)	350×785×1078 (S)		
Net Weight [kg]	55 (L),110 (S)	60 (L), 155 (S)	61 (L), 175 (S)	65 (L), 235 (S)
Gross Weight [kg]	65 (L), 125 (S)	70 (L), 170 (S)	71 (L), 190 (S)	75 (L), 250 (S)

(L) Long Type, with extra charger.
(S) Standart Type, with internal batteries.