

UPS Line Interactive Single phase - Sine wave Series HT2000 (1 ~ 5 KVA)

Specifications



- True sine wave output in any mode
 - DSP (digital signal processors)control technology
 - LCD display to show input and output voltage, power as VA & frequency, inside temperature of the device, battery charge and load consumption rate
 - Adjust the output voltage with a transformer stabilizer
 - Automatic frequency detection
 - Adjustable charging current and battery shutdown point
 - Settable ECO mode and no-load shutdown
 - Power-on self-test & Start without the need for city electricity(Cold Start)
 - Auto restart when mains power is restored
 - Short circuit and overload protection
 - Automatic charging in OFF mode
 - USB & RJ45 communication port / SNMP (optional)
 - Advanced Battery Management (ABM) to control battery charge
 - With EMI protection filters and RFI varistor and protection against over current
 - and over voltage, short-circuit, DC reverse voltage and lightning
- Function at relative Humidity between 0 to 93% and temperature between 5C° to 40 C°

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MODEL		HT2010	HT2020	HT2030	HT2050	
POWER	VA	1000	2000	3000	5000	
	W	800	1600	2400	4000	
INPUT	AC input range(mains mode)	200 V:145 ~ 260 V 220 V: 165 ~280 V 230 V: 175 ~ 290 V 240V: 185 ~ 300V				
	AC input range (bypass mode)	0 ~ 242V / 264V / 276V / 228 Vac for 200 V / 220V / 230V / 240 V ± 10 V				
	Frequency input range	50 Hz/60 Hz (auto-sense), ± 5% ~ 15%				
	Generator connection	Available (generator input power is settable)				
OUTPUT	Rated Voltage	220 / 230 / 240 V				
	Voltage regulation	± 5%				
	Output frequency	50/60Hz ± 0.3 Hz (settable)				
	Waveform	Pure sine wave				
	THDV (resistive load)	≤ 5%				
	Overload time (mains mode)	110% for 120 s, 125% for 60 s, 150% for 10 s (transfer to bypass mode)				
	Overload time (inverter mode)	110% for 60 s, 125% for 10 s, 150% for 5 s (shut down directly)				
BATTERIES	DC voltage	24 V (2 x 12 V)	48 V (4 x 12 V)			
	Charging current	internal model	1 A for Battery 12 V 7Ah ~ 8Ah			
		external model	10 A (default); < 10A, set step 1A; ≥ 10A, set step 5 A			
			Max. 15 A	Max. 20 A	Max. 25 A	
SYSTEM	Communications	USB+RJ45 ; SNMP (optional)				
	Alarm	battery mode : beep 5 s , low battery:quick beep , Overload : long beep				
	Protections	Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperatur				
	Mute	Automatic mute in 60 s or by manual				
OTHERS	Energy saving mode	Settable (< 3% load) , enter in 80s				
	No-load shutdown	Settable (< 3% load), shut down in 80s				
	Operating temperature	5°C ~ 40°C				
	Operating humidity	Relative humidity ≤ 93%				
	Noise level	≤ 50 dB (1m)				
PHYSICAL	Dimensions (WxDxH) (mm)	internal N	145 x 345 x 215	145 x410 x215	157 x 460 x 220	510 x 560 x 210 (X)
		external X		145 x 345 x 215	190 x 467 x 335	
	Packaged dimensions (mm)	internal N	235 x 425 x 315	235 x 492 x 316	238 x 550 x 305	360 x 660 x 590 (X)
		external X		236 x 427 x 316	320 x 590 x 462	
	Net weight (kg)	15 (N) 11 (X)		32(N) 24 (X)	36(N) 28 (X)	55 (X)