

UPS Line Interactive Single phase - Sine wave Series HT2000 (500 ~ 5000 VA)

Specifications



- Pure 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°

UPS Line Interactive

Single phase - Sine wave

Series HT2000 (500 ~ 5000 VA)

MODEL			HT2005	HT2010	HT2020	HT2030	HT2050
POWER	VA		500	1000	2000	3000	5000
	W		300	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)				
OUTOUT	Rated Voltage		200 /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		12 V (1 x 12 V)	24 V (2 x 12 V)	48 V (4 x 12 V)		
	Charging current	internal model	1 A for Battery 12 V 7Ah ~ 9Ah				
		external model	10 A (default); < 10A, set step 1A; ≥ 10A, set step 5 A				
			Max. 10 A (H)	Max. 15 A	Max. 20 A	Max. 25 A	
	Inbuilt Internal		—	12V/7~9AHx2	12V 7~9AHx4		—
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, overtemperature				
	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 x410 x215	157 x 460 x 220	510 x 560 x 210
		external X	145 x 345 x 215		145 x 345 x 215	190 x 467 x 335	—
	Packaged dimensions (mm)	internal N	—		235 x 492 x 316	238 x 550 x 305	360 x 660x 590
		external X	235 x 425 x 315		236 x 427 x 316	320 x 590 x 462	
	Net weight (kg)	internal N	—	12/2	32	36	—
		external X	7	11/6	18	28	55