

UA-HT UPS 1.5kVA – 3kVA

The **UA-HT**, with its durable design, is a **reliable, high temperature, true-online** UPS designed for **high performance** applications.

The UA-HT offers excellent powering solutions for military applications as well as traffic control equipment, communications, mining, highway signaling, railways, various solar powering applications and any range of outdoor powering applications.

The UA-HT is also suitable for powering medical devices and equipment, computers, telecommunication equipment as well as other industrial systems due to its pure sine wave output.

Model	Capacity
UA-HT-1500	1500VA 1050W
UA-HT-2200	2200VA 1540W
UA-HT-3000	3000VA 2100W



Some key features include:

- High temperature operation (up to 65°C)
- Input power factor correction
- Wide input voltage window
- Precision output voltage regulation
- Surge & transient protection
- Remote emergency power-off
- Additional 5A charger
- True on-line double conversion technology
- Advanced monitoring & management software
- RS232 & USB - standard with optional SNMP

Product Specifications

Model	UA-HT1500-1&2	UA-HT2200-1&2	UA-HT3000-1&2	
Capacity (VA)	1500VA	2200VA	3000VA	
Capacity (W)	1050W	1540W	2100W	
Input	Voltage	80 – 138V _{AC} / 160 – 276V _{AC}		
	Frequency	50/60Hz ± 5Hz		
Output	Voltage	1 – 100V _{AC} , 110V _{AC} , 115V _{AC} , 120V _{AC} 2 – 208V _{AC} , 220V _{AC} , 230V _{AC} , 240V _{AC}		
	Frequency	50/60Hz		
	Voltage Regulation	± 2%		
	Frequency Stability	± 3%		
	Transient Response	± 8% for 100% step-load response (linear load)		
	Harmonic Distortion	< 3% at linear load		
	Overload Capacity	105% for 2 Minutes, 110% for 50s, 125% for 20s, 150% immediate Auto transfer back to UPS at rated load		
	Crest Ratio	3:1		
	AC/AC Efficiency	> 85%		
	Transfer Time	0ms for line faults of recovers < 4ms for UPS to bypass or reverse		
	Green Mode	Load < 30W	Load < 60W	Load < 120W
	Battery	Type	Sealed, maintenance-free lead acid – 12V 7Ah	
		Voltage	96V (x8 – 2.5Kg each) (5.5lbs.)	
Recharge Time		8 Hours (to 90% full capacity)		
Back-up Time		6 Minutes – full load 15 Minutes – half load		
Physical	Net Weight Kg (lbs.)	18 (39.7) / 28.8 (63.5)		
	Dimensions	426 x 477 x 88 mm		
	W x D x H	16.8" x 18.8" x 3.5"		
	Push Buttons	On/Off, Function, Set		
	Indicators	Alarm, Charger, Overload, Line, Battery, Inverter, Bypass, Load & Battery percentage (25/50/75/100%)		
	Standard Interface	RS232 & USB		
	Optional Interface	SNMP, DB9 connector for digital signals		

Environment	Audible Alarm	FOR: DC mode, Low battery voltage, Voltage error, Frequency error, Charger fail, High temperature, overload, fault, PFC overload
	Ambient Operation	0 – 65°C (32 – 149°F)
	Audible Noise	< 50 dBA (1 meter from surface)
	Humidity	0 – 95% non-condensing
