



## U-HT / U-HR<sup>AR</sup> Series 1-10kVA

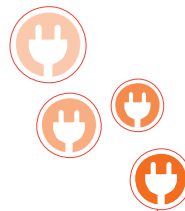
### True On-Line Double Conversion UPS

**U-HT** — Tower Type

**U-HR** — Rack Mount + Tower Type (2-in-1)

## Features

- True Online High Frequency PWM Topology
- Input PF up to 0.996, Low THDi (<5%), decrease the Pollution to City Power
- Compliance with RoHS Standard, Innocuous and Environmental Friendly
- Design in Accordance to International EMC and Safety Standard
- Intelligent Fan Speed Management, Help to Decrease Operating Cost
- Output Voltage 208/220/230/240Vac, 50/60Hz, ECO Mode  
All Can be Settable On Site
- Optional 8A Charger, Reduce Battery Recharging Time
- EMI / RFI Noise Filter & Low THD Output With Stabilizer
- High Efficiency & Input Power Factor
- UPS Management Software (optional)
- SNMP Network Interface (optional)
- Multiple Microprocessor Control
- Wide Input Voltage Range
- N+X Parallel UPS (Optional)
- ECO & EPO function
- Automatic Bypass



### Applications :

- Medical & Laboratory
- Commercial facility
- Computer & Data center
- Point-of-sale
- Network device
- Electronic & Telecom
- Securities System

# \* SPECIFICATIONS : True On-line High Frequency UPS

Appearance >		U-HT Series			U-HR Series		
		U-HT1101S U-HT1101L	U-HT1102S / U-HT1102L U-HT1103S / U-HT1103L	U-HT1106S / U-HT1106L U-HT1110S / U-HT1110L	U-HR1101S U-HR1101L U-HR1102L U-HR1103L	U-HR1102S U-HR1103S U-HR1102L U-HR1103L	U-HR1106S U-HR1110S U-HR1106L U-HR1110L
**U-HT	Tower Type ▶	1101S / 1101L	1102S / 1102L	1103S / 1103L	1106S / 1106L	1110S / 1110L	
**U-HR	Rack mount Type ▶	1101S / 1101L	1102S / 1102L	1103S / 1103L	1106S / 1106L	1110S / 1110L	
Power Rating	kVA	1	2	3	6	10	
	kW	0.9	1.8	2.7	5.4	9	
INPUT	-Rectifier						
Voltage (Vac)		100 / 110 / 120 / 127 / 208 / 220 / 230 / 240 -45% + 34%					
Frequency (Hz)		50 / 60 ± 10% (50 / 60Hz Settings)					
Power Factor / THDi		> 0.99 at Full Load / <5%					
OUTPUT	-Inverter						
Voltage (Vac)		100 / 110 / 120 / 127 or 200 / 208 / 230 / 240 ± 1% (Selectable on Display Panel)					
Frequency (Hz)		50 / 60 ± 0.2% (Battery Mode)					
Wave Form		Pure Sine Wave, THD ≤ 2% (Linear Load)					
Power Factor		0.9 (0.7 / 1 Option)					
Overload		101% ~ 115% for 60 Seconds, 116% ~ 130% for 1 Seconds, > 130% for 200 msec			101% ~ 130% for 10 Mins, 131% ~ 150% for 30 Seconds, > 150% for 500 msec		
Efficiency (AC to AC / Normal)		≥ 96%					
Transfer Time		0 msec					
BATTERY							
Voltage (Vdc)		24 / 36	48 / 72	72 / 96	192-240		
Battery Type (Standard UPS)	Tower UPS :	Seal Lead - Acid Maintenance Free					
	Rack Mount UPS ▶	12V 7 / (9*)Ah x 2 / External	12V 7 / (9*)Ah x 4 / External	12V 7 / (9*)Ah x 6 / External	12V 7 / (9*)Ah x 16 / External		
Charger Current (A) Max		1/4			1 ~ 8 adjustable		
Recharge Time		4 Hrs to 90% / 2 Hrs to 90% With Quick Charge Mode.					
Back-up Time	Standard UPS	15 ~ 30 Mins Depends On Load					
	Long Back-up UPS	Back-up Time Can Be As Long As Your Battery Set Can Afford					
SYSTEM FEATURES							
Communication Interface (Multi-Slot)		EPO, RS232, USB (Dry Contacts & RS485 and SNMP Adapter are Optional)					
Display Panel (LCD Indicates)		AC Input & Output Voltage & Frequency, Load Level, Battery Level, Temperature; Ac Mode, Battery Mode, Bypass Mode, and Fault					
Alarm		Battery Low & Fault, Abnormal AC Input, UPS Failure, etc.					
Protection		Battery Low-voltage, Overload, Short-Circuit & Surge, Over - Temperature, Input Over - Voltage					
Audible Noise (dBA)		< 45					
Working Temperature		-5 ~ 45°C					
Relative Humidity		0 ~ 95%, No Condensation					
PHYSICAL							
Model :		Dimension : W x D x H (cm) / Weight (kg)					
U-HT	Standard : Tower UPS ▶	14.5 x 36 x 22.5 / 9.2kg	19 x 40 x 33 / 17.7kg	19 x 40 x 33 / 22.9kg	23 x 50 x 55 / 55kg		
U-HT-L	Long Back-up : Tower UPS ▶	14.5 x 36 x 22.5 / 4.5kg (External battery cabinet)	19 x 40 x 33 / 8.5kg (External battery cabinet)	19 x 40 x 33 / 9.2kg (External battery cabinet)	19 x 43 x 37 / 13kg (External battery cabinet)		
U-HR	Standard : Rack UPS ▶	43.8 x 42 x 2U / 11.5kg (Battery inside)	43.8 x 42 x 2U / 8kg	43.8 x 42 x 2U / 8kg	43.8 x 50 x 3U / 11kg	43.8 x 50 x 3U / 12.5kg	
	Battery Cabinet (External)	-	43.8 x 42 x 2U / 14kg	43.8 x 42 x 2U / 18kg	43.8 x 42 x 3U / 45kg	43.8 x 42 x 3U / 45kg	
U-HR-L	Long Back-up : Rack UPS ▶	44 x 42 x 2U / 5.8kg (External battery cabinet)	43.8 x 42 x 2U / 8kg (External battery cabinet)	43.8 x 42 x 2U / 8kg (External battery cabinet)	43.8 x 50 x 2U / 11kg (External battery cabinet)	43.8 x 50 x 2U / 12.5kg (External battery cabinet)	

\* Specifications are subject to change without prior notice.

\*\* 110V, 120V systems are available and with some different parameters.

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