



U-HT / U-HR^{AR} Series 1-10kVA

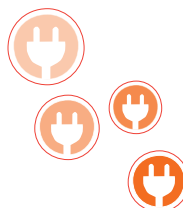
True On-Line Double Conversion UPS

U-HT — Tower Type

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

Features

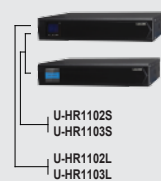
- True Online High Frequency PWM Topology
- Input PF up to 0.996, Low THDi (<5%), decrease the Pollution to City Power
- Compliance with RoHS Standard, Innocuous and Environmental Friendly
- Design in Accordance to International EMC and Safety Standard
- Intelligent Fan Speed Management, Help to Decrease 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-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 / 220 / 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)		Seal Lead - Acid Maintenance Free				
	Tower 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	
	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, Over Load, etc.				
Protection		Battery Low-voltage, Overload, Short-Circuit & Surge, Over - Temperature, Input Over - Votage, EMI / RFI Filter				
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.

Spec. STD.16-11-20