



U-HT / U-HR^{AR} Series 1-3kVA

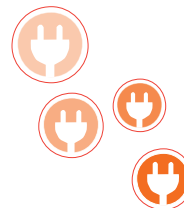
True On-Line Double Conversion UPS

U-HT — Tower Type

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

Features


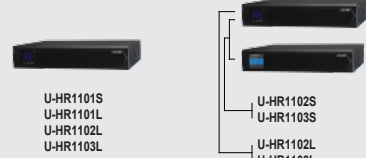
- True Online High Frequency Topology
- Input PF up to 0.996, Low THDi (<5%), decrease the Pollution to City Power
- Compliance with RoHS Standard, Innocuous and Environmental Friendly
- Design in Accordance to International EMC and Safety Standard
- Intelligent Fan Speed Management, Help to Decrease 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
- 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-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	
**U-HR	Rack mount Type ▶	1101S / 1101L		1102S / 1102L		1103S / 1103L	
Power Rating	kVA	1		2		3	
	kW	0.9 (*0.7 / *1)		1.8 (*1.4 / *2)		2.7 (*2.1 / *3)	
INPUT		-Rectifier					
Voltage (Vac)		100 / 110 / 120 / 127 or 200 / 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% (Sectable on Display Panel)					
Frequency (Hz)		50 / 60 ± 0.1% (Battery Mode)					
Wave Form		Pure Sine Wave, THD ≤ 3% (Linear Load)					
Power Factor		0.9 (0.7 / 1 Option)					
Overload		105% ~ 129% for 60 Seconds, 130% ~ 150% for 30 Seconds, Above 150% for 300 msec					
Efficiency (AC to AC / Normal)		≥ 96%					
Transfer Time		0 msec					
BATTERY							
Voltage (Vdc)		24 / 36		48 / 72		72 / 96	
Battery Type		Seal Lead - Acid Maintenance Free					
(Standard UPS)	Tower UPS : ▶	12V 7 / (9*)Ah x 2 / External		12V 7 / (9*)Ah x 4 / External		12V 7 / (9*)Ah x 6 / 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	
Charger Current (A) Max		1/4					
Recharge Time		4 Hrs to 90% / 2 Hrs to 90% With Quick Charge Mode.					
Back-up Time	Standard UPS	10 ~ 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)		Main Input, Bypass Mode, Battery Inverting Mode, ECO Mode, Buzzer is Silent, UPS Fault, Voltage & Frequency Input, Voltage & Frequency Output, Temperature, Load Level (%), Battery Capacity (%)					
Alarm		Low Battery, Abnormal AC Input, UPS Failure					
Protection		Battery Low-voltage, Overload, Short-Circuit, 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	
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)	
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 / 8.5kg	
	Battery Cabinet (External)	-		43.8 x 42 x 2U / 14kg		43.8 x 42 x 2U / 20kg	
U-HR-L	Long Back-up : Rack UPS ▶	44 x 50 x 2U / 7kg (External battery cabinet)		43.8 x 42 x 2U / 9.9kg (External battery cabinet)		43.8 x 42 x 2U / 10kg (External battery cabinet)	

* Specifications are subject to change without prior notice.

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

Spec. STD.05-09-17



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