



U-EHT / U-EHR Series 1-10kVA

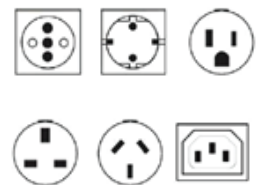
True On-Line Double Conversion UPS

U-EHT — Tower Type

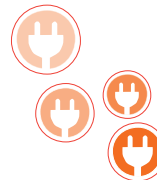
U-EHR — Rack Mount + Tower Type (2-in-1)

Features

- True Online High Frequency DSP Digital Controlling With PWM Technology
- Input PF up to 0.99, Low THDi (<3%), decrease the Pollution to City Power
- Compliance with RoHS Standard, Innocuous and Environmental Friendly
- Design in Accordance to International EMC and Safety Standard
- Output Voltage 208/220/230/240Vac, Charging Current, Number of Battery Cells, Discharge cut-off Voltage, ECO, EPO, Input neutral & Line Cable Reverse alarm, Self-Test Mode, Mute Mode All Can be Settable On LCD Display
- Automatic Recovery Fuction & DC Start Fuction (DC Power On)
- Adjustable Battery Numbers for 6-10kVA
- Adjustable Charging Current 1-12A for Long Backup
- EMI / RFI Noise Filter & Low THD Output With Stabilizer
- Wide Input Voltage Range & High Efficiency & Input Power Factor
- UPS Management Software (optional)
- SNMP Network Interface (optional)
- Automatic Bypass (Manual Bypass : optional)





Available socket



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-EHT Series		U-EHR Series		
		 U-EHT1101S / U-EHT1101L U-EHT1102S / U-EHT1102L U-EHT1103S / U-EHT1103L U-EHT1106S / U-EHT1106L U-EHT1110S / U-EHT1110L		 U-EHR1101S / U-EHR1101L U-EHR1102S / U-EHR1102L U-EHR1103S / U-EHR1103L U-EHR1106L U-EHR1110L		
**U-EHT	Tower Type ▶	1101S / 1101L	1102S / 1102L	1103S / 1103L	1106S / 1106L	1110S / 1110L
**U-EHR	Rack mount Type ▶	1101S / 1101L	1102S / 1102L	1103S / 1103L	1106L	1110L
Power Rating	kVA	1	2	3	6	10
	kW	1	2	3	6	10
INPUT	-Rectifier					
Voltage (Vac)		110 ~ 300Vac (220Vac -50% +30% at Different Load)				
Frequency (Hz)		50Hz +/-12% / 60Hz +/- 10%				
Power Factor / THDi		> 0.99 at Full Load / <3% (100% Liner Load)				
OUTPUT	-Inverter					
Voltage (Vac)		208 / 220 / 230 / 240Vac (208V Should be Set From LCD with Derating 10%) ± 1%				
Frequency (Hz)		50 / 60 ± 0.1% (Battery Mode)				
Wave Form		Pure Sine Wave, THD ≤ 2% (Linear Load)				
Power Factor		1				
Overload		Line mode: 30min@102%~110% Load, 10min@110%~130% Load, 30S@130%~150% Load, 500ms@>150% Load Battery mode: 10min@102%~110% Load, 1min@110%~130% Load, 10s@130%~150% Load, 500ms@>150% Load				
Efficiency (AC to AC / Normal)		≥ 95.5%				
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 ~ 20 (Settable) / 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 ~ 20 (Settable) (External)	
Charger Current (A) Max		1 / 1~12 (Settable)			1~12 (Settable)	
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						
Function Setting		Output Voltage 208 / 220 / 230 / 240Vac, Expert Mode, End of Discharge Voltage, Economic (ECO) Mode, Emergency Shutdown (EPO) Mode, Battery Quantity (Pcs), Charger Current, Input Neutral & Line Cable Reverse Alarm				
Communication Interface (Multi-Slot)		EPO, RS232, USB (Dry Contacts & RS485 and SNMP Adapter are Optional)				
Output Arid Connection		3 ~ 6 (Option NEMA / IEC / German / Universal / Screw Terminal)				
Display Panel (LCD Indicates)		UPS Inverter ON/OFF / On-line, Input Voltage & Frequency, Output voltage & Frequency, Battery Mode : Voltage & Capacity, Bypass Mode, Fault Code, Temperature, Capacity Load, Fan, ECO, Alarm & Mute Icon function, Maintenance				
Alarm		Battery Low Voltage, Charger failure, UPS failure, UPS failure, Bypass				
Protection		Low battery power off, Battery overcharge protection, Battery leakage current, Battery over discharge, Short circuit				
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-EHT	Standard : Tower UPS ▶	14.5 x 27.6 x 22.5 / 8.2kg	14.5 x 39.2 x 22.5 / 15.3kg	19 x 39.5 x 32.5 / 20.5kg	19 x 40 x 70 / 47.2kg	19 x 40 x 70 / 48.5kg
U-EHT-L	Long Back-up : Tower UPS ▶	14.5 x 27.6 x 22.5 / 3.7kg (External battery cabinet)	14.5 x 39.2 x 22.5 / 5.5kg (External battery cabinet)	14.5 x 39.2 x 22.5 / 6kg (External battery cabinet)	19 x 40 x 33 / 8.8kg (External battery cabinet)	19 x 40 x 33 / 9.6kg (External battery cabinet)
U-EHR	Standard : Rack UPS ▶	44 x 38 x 88 / 10.2kg (Battery inside)	44 x 45 x 8.8 / 17.3kg (Battery inside)	44 x 60 x 8.8 / 22.5kg (Battery inside)	-	-
	Battery Cabinet (External)	-	-	-	44 x 67 x 8.8 / 39kg	44 x 67 x 8.8 / 40.5kg
U-EHR-L	Long Back-up : Rack UPS ▶	44 x 38 x 8.8 / 5.7kg (External battery cabinet)	44 x 45 x 8.8 / 7.5kg (External battery cabinet)	44 x 45 x 8.8 / 8kg (External battery cabinet)	44 x 47 x 8.8 / 10.8kg (External battery cabinet)	44 x 47 x 8.8 / 11.6kg (External battery cabinet)

* Specifications are subject to change without prior notice.
 ** 110V, 120V systems are available and with some different parameters.

Spec. STD.28-10-24



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