SOLTEC

2-in-1
Rack + Tower
CONVERTIBLE

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

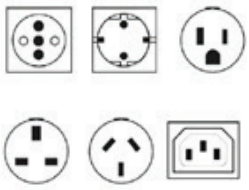
True On-Line Double Conversion UPS

U-EHT — Tower Type

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

Features

- True Online High Frequency DSP-Based Intelligent Control 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)
- N+1/X Parallel Redundancy (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*

MODEL : / 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 (LED + 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		Over / Under Voltage, Overload, Surge & Short Circuit, Low battery power off, Battery overcharge protection, Battery leakage current, Battery over discharge, Battery Short circuit				
Audible Noise (dBA) / Working Temperature		<45 / -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)

Spec. STD.18-11-25

* Specifications are subjest to change without prior notice.

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

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