



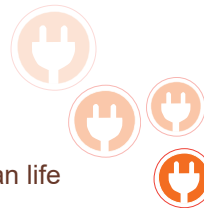
## U-HT88 Series 10-40kVA

True On-Line Double Conversion UPS

**U-HT88** — 1/3 Phase Input / 1/3 Phase Output

### Features

- Super wide input voltage range -60%~+25% for higher grid adaptability
- Dual DSP control for top performance
- Intelligent fan speed control reduce noise and prolongs fan life
- Anti-corrosion resistant coating for all PCB boards
- Full protection with input, output, bypass, maintenance bypass and battery breaker
- ECO mode and EPO function
- AC/AC efficiency up to 96%, less TCO and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads
- 3 level IGBT technology for higher efficiency and minimized interference to grid
- Adjustable input and output
- Built-in battery and flexible battery configuration
- Common battery bank
- Easy onsite parallel slot modification
- Wheel design



### Applications :

- Computer & Networking
- Data Center
- Precision Instrument
- Commercial Facility
- Intelligent Equipment
- Financial & Securities

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

Appearance		U-T88 Series				
		 U-HT8810-20K (LCD)	 U-HT8810-20K (Touch Screen)	 U-HT8830-40K (LCD)	 U-HT8830-40K (Touch Screen)	
**U-HT88	Tower Type	10S / L	15S / L	20S / L	30S / L	40S / L
<b>Power Rating</b>	kVA	10	15	20	30	40
	kW	9	13.5	18	27	36
<b>INPUT</b>						
Voltage (Vac)		80-280 (L-N) / 138-485 (L-L)			138-485 (L-L)	
Phase		1:1 / 3:1 / 3:3			3:1 / 3:3	
Frequency (Hz)		40-70				
Power Factor		≥ 0.99				
THDi		<3%				
<b>OUTPUT</b>						
AC / AC Efficiency Max		96%				
Power Factor		0.9 / 1.0				
Voltage (Vac)		220 / 230 / 240 ± 1% (L-N) 380 / 400 / 415 ± 1% (L-L)				
Frequency (Hz)		50 / 60 ± 0.1% (Battery Mode)				
THDv		THD < 2% (Linear Load ); THD < 4% (Non Linear Load)			THD < 1% (Linear Load ); THD < 3% (Non Linear Load)	
Crest Factor		3 : 1				
Overload		115% ~ 130% for 15 min, 131% ~ 155% for 1 min, >155% load : Change to bypass immediately				
ECO mode		Yes				
<b>BATTERY</b>						
Type		Seal Lead Acid Maintenance Free				
Voltage(Vdc)		± 96 default (± 96 ~ ± 240 Adjustable)	± 192 default (± 144 ~ ± 240 Adjustable)			
Internal Battery		16-40 x 12V 7Ah	24-40 x 12V 7Ah		48-80 x 12V 7Ah	
Charging Current (A)		4 (1-10 Settable)			15 (1-20 Settable)	
<b>OTHER</b>						
Communication Interface		RS485, EPO, Dry contact (RS232 and SNMP adapter are optional)				
Display		LCD / Touch screen				
Alarm		Low battery, abnormal AC input, UPS failure, etc.				
Protection		Low battery, Overload, Short-Circuit and Over Temperature, etc.				
Noise (dB)		< 55				
Working Temperature		- 5 ~ 45°C				
Altitude		0 to 2,000 m at 100% load				
Relative Humidity		0 ~ 95%, No Condensation				
Dimension (W×D×H) (mm)		250 x 755 x 880			300 x 785 x 1250	
Weight (kg)	With Battery	86 (16 x 7Ah)	118.5 (32 x 7Ah)		207 (64 x 7Ah)	
	Without Battery	50			85	

\* Specifications are subject to change without prior notice.

Spec. STD.01-12-20

**SOLTEC**  
Total Power Solutions

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