

Online Rackmount/Rack Tower 1KVA/2KVA/3KVA



- 19" Rack mounting & Tower (Free standing) design
- True Online double-conversion Technology
- Output power factor 0.9
- ECO and advanced ECO mode for energy saving
- Output voltage regulation < 1%
- Higher output crest ratio 3:1
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Optional HID Power Device USB Port and SNMP card
- Reliable and Power performance.

ONLINE UPS

Rackmount/Rack Tower Online UPS Selection Guide

MODEL/Ordering Info	HTRMU001 / HTRME001 HTFSU001 / HTFSE001		HTRMU002 / HTRME002 HTFSU002 / HTFSE002		HTRMU003 / HTRME003 HTFSU002 / HTFSE003	
PHASE	Single phase with ground					
CAPACITY*	1000 VA / 900 W		2000 VA / 1800 W		3000 VA / 2700 W	
INPUT						
Nominal Voltage	100*/110*/115*/120 /127 VAC or 200/208/220/230/240 VAC					
Voltage Range	55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load					
Frequency Range	40 Hz ~ 70 Hz					
Power Factor	≧ 0.99 @ nominal voltage (100% load)					
THDi	≧ 5% @ nominal input voltage					
OUTPUT						
Output Voltage	100*/110*/115*/120/127 VAC or 200/208/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)	± 1%					
Frequency Range (Synchronized Range)	57 ~ 63 Hz or 47 ~ 53 Hz					
Frequency Range (Batt. Mode)	60Hz ± 0.1Hz or 50 Hz ± 0.1Hz					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	≧ 2 % THD (Linear Load) ; ≧ 4 % THD (Non-linear Load)					
Transfer Time	AC Mode to Batt. Mode		Zero			
	Inverter to Bypass		4 ms (Typical)			
Waveform (Batt. Mode)	Pure Sinewave					
EFFICIENCY						
AC Mode	90%		91%		91%	
ECO Mode	97%		97%		97%	
Battery Mode	88%	89%	88%		90%	
BATTERY						
Standard Model	Battery Type	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah		12 V / 9 Ah
	Numbers	2	3	4		6
	Typical Recharge Time	4 hours recover to 90% capacity				
	Charging Current (max.)	1.5 A**				
Long-run Model	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%		82.1 VDC ± 1%
	Battery Type	Depending on the capacity of external batteries				
	Numbers	2	3	4		6
	Charging Current (max.)	1A/2A/4A/8A (Selectable via LCD setting)				
	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%		82.1 VDC ± 1%
INDICATORS						
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
ALARM						
Battery Mode	Sounding every 5 seconds					
Low Battery	Sounding every 2 seconds					
Overload	Sounding every second					
Fault	Continuously sounding					
PHYSICAL						
RM Model(E)	Dimension,DxWxH (mm)	310 x 438 x 88		310 x 438 x 88		600 x 438 x 88
	Net Weight (kgs)	14	9.8	11.6		12.8
Tower Model(E)	Dimension,DxWxH (mm)	282 x 145 x 220		397 x 145 x 220		397 x 145 x 220
	Net Weight (kgs)	7.5		8.8		9.5
ENVIRONMENT						
Humidity	20-90 % RH @ 0- 40°C (non-condensing)					
Noise Level	Less than 50dB @ 1 Meter					
MANAGEMENT						
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

*U defines Internal model with inbuilt batteries / E is external w/o batteries.

*Derate capacity to 95% when the output voltage is adjusted to 115VAC, derate capacity to 90% when the output voltage is adjusted to 110VAC and derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

**If standard UPS is equipped with additional charger, the available setting options become 2A, 3A and 4A. Product specifications are subject to change without further notice.