

# Online Rackmount & Tower Type UPS 6KVA & 10KVA



- 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		HTRMU006 / HTRME006 / HTFSU006 / HTFSE006	HTRMU010 / HTRME010 / HTFSU010 / HTFSE010
PHASE		Single phase with ground	
CAPACITY*		6000 VA / 5400 W	10000 VA / 9000 W
<b>INPUT</b>			
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	
<b>OUTPUT</b>			
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	
<b>EFFICIENCY</b>			
AC Mode		91%	91%
ECO Mode		97%	97%
Battery Mode		88%	90%
<b>BATTERY</b>			
Standard Model	Battery Type	12 V / 9 Ah	12 V / 9 Ah
	Numbers	16	16 / 20
	Typical Recharge Time	9 hours to 90% after complete discharge	
	Charging Current (max.)	1A/2A/4A/6A/8A (Adjustable)	
Long-run Model	Charging Voltage	218.4 VDC ± 1%	273 VDC ± 1%
	Battery Type	Depending on the capacity of external batteries	
	Numbers	16	16
	Charging Current (max.)	1A/2A/4A/8A (Selectable via LCD setting)	
Charging Voltage		218.4 VDC ± 1%	273 VDC ± 1%
<b>INDICATORS</b>			
LCD Display		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
<b>ALARM</b>			
Battery Mode		Sounding every 5 seconds	
Low Battery		Sounding every 2 seconds	
Overload		Sounding every second	
Fault		Continuously sounding	
<b>PHYSICAL</b>			
RACK Model(E)	Dimension, DxWxH (mm)	500 x 438 x 88	580 x 438 x 88
	Net Weight (kgs)	16	18
Tower Model(E)	Dimension, DxWxH (mm)	369 x 190 x 318	442 x 190 x 318
	Net Weight (kgs)	8.8	18
<b>ENVIRONMENT</b>			
Humidity		20-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 50dB @ 1 Meter	
<b>MANAGEMENT</b>			
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.

