



ME-1000-FTU | ME-3000-FTU
ME-2000-FTU | ME-6000-FTU

ONLINE UPS



ME-3000-FTU
ME-6000-FTU

ME-1000-FTU
ME-2000-FTU

Features

- 1KVA/2KVA/3KVA/6KVA online UPS
- True double-conversion
- Wide input voltage range (110-300VAC)
- Input power factor correction 0.98
- Generator compatible
- USB communication port and intelligent slot
- Smart battery charger design for optimized battery performance

MODEL		ME-1000-FTU	ME-2000-FTU	ME-3000-FTU	ME-6000-FTU
CAPACITY		1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4000 W
INPUT					
Voltage Range	Low Line Transfer	160VAC / 140VAC / 120VAC / 110VAC \pm 5 % or 80VAC / 70VAC / 60VAC / 50 VAC \pm 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			175VAC / 150VAC / 130VAC / 110VAC \pm 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	Low Line Comeback	168VAC / 148VAC / 128VAC / 118VAC \pm 5 % or 84VAC / 74VAC / 64VAC / 54 VAC \pm 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			183 VAC / 158 VAC / 138 VAC / 118 VAC \pm 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	Low Line Comeback (Auto restart)	168VAC \pm 5 % or 84 VAC \pm 5 % (80%~100% Load) 148VAC \pm 5 % or 74 VAC \pm 5 % (0%~ 80% Load)			183VAC \pm 5 % (80%~100% Load) 158VAC \pm 5 % (0%~ 80% Load)
	High Line Transfer	300 VAC \pm 5 % or 150 VAC \pm 5 %			280 VAC \pm 5%
	High Line Comeback	290 VAC \pm 5 % or 145 VAC \pm 5 %			270 VAC \pm 5 %
Frequency Range		40 ~ 70 Hz (Auto sensing)			
Phase		Single phase with ground			
Power Factor (nominal output @ full load)		\geq 0.98			\geq 0.95
OUTPUT					
Output Voltage		208/220/230/240 VAC or 110/115/120/127 VAC			208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)		\pm 1%			\pm 3%
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63Hz			
Frequency Range (Batt. Mode)		50 Hz \pm 0.25 Hz or 60Hz \pm 0.3 Hz			
Current Crest Ratio		3:1			
Harmonic Distortion		\leq 3 % THD (Linear Load), \leq 6 % THD (Non-linear Load)	\leq 4 % THD (Linear Load), \leq 7 % THD (Non-linear Load)	\leq 3 % THD (Linear Load), \leq 6 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	4 ms (Typical)			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY(Peak)					
AC Mode (@ 100% RCD load)		88.5%	89.3%	87%	90%
Battery Mode (@ 100% RCD load)		83.7%	88.2%	85%	85%
BATTERY					
Battery Type		12V / 9Ah			12V / 10Ah
Battery Numbers		2	4	6	8
Charging Current (max.)		1.0 A			
Charging Voltage		27.4 V _{DC} \pm 1%	54.7 V _{DC} \pm 1%	82.1 V _{DC} \pm 1%	109.4 V _{DC} \pm 1%
INDICATORS					
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
ALARM					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continuously sounding			
PHYSICAL					
Dimension, D X W X H (mm)		397 x 145 x 220	397 x 145 x 220	426 X 190 X 318	426 X 190 X 318
Net Weight (kgs)		11.5	17.8	28.8	35.3
ENVIRONMENT					
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 45dB @ 1 Meter			Less than 55dB @ 1 Meter
MANAGEMENT					
Communication		USB Port / Optional RS-232 Card, SNMP Card, or AS-400 Card available			
Optional SNMP		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC Power management from SNMP manager and web browser			

* Product specifications are subject to change without further notice