MECER®

ME-1000-GRU
ME-2000-GRU
ME-3000-GRU

ME-6000-GRU
ME-10000-GRU

Rackmount/Rack Tower ONLINE UPS



ME-1000-GRU /ME-2000-GRU /ME-3000-GRU

ME-6000-GRU

ME-10000-GRU

Features

- True double-conversion online UPS
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- Output Power Factor 0.8
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- Charger capacity expansion to 8A for long-run models
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage via LCD panel
- Hot-swappable battery design (only available for ME-1000-GRU/ME-2000-GRU/ ME-3000-GRU)

Software

ViewPower - UPS Management Software



* Allows control and monitoring of multiple UPSs via LAN and INTERNET
* User-friendly power analysis graphs
* Real-time dynamic graphs of UPS data
* Safely OS shutdown and protection from data loss during power failure
* Warning notifications vis audible alarm, brosdcast, mobile messenger, and e-mail
* Scheduled UPS on/off, battery test, programmable outlet control, and audible alarm control
* Password security protection and remote access management
* Supports multiple OS and local languages

Accessory

Remote Control & Monitoring Agent

SNMP Card (Integrated with ViewPower Pro software)



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* Allows control and monitoring of multiple UPSs through RJ-45 network connection
* Real-time dynamic graphs of UPS data (voltage, frequency, load level, battery level)
* Warning notifications vis audible alarm, brosdcast, mobile messenger, and e-mail and SNMP traps
* Historic data log stored in centralized PC database
* Simple firmware upgrade with one click
* Password security protection and remote access management
* Supports optional environmental monitoring detector for temperature, humidity and smoke
* 2-year product warranty

Rackmount Slider

Simple installation for mounting UPS in your server rack enclosure.



MODEL		ME-1000-GRU	ME-2000-GRU	ME-3000-GRU	ME-6000-GRU	ME-10000-GRU
PHASE		Single phase with ground				
CAPACITY		1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 VA
INPUT						
Voltage Range	Low Line Transfer	160 VAC/140 VAC/120 VAC/110 VAC ± 5% (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)			176 VAC ± 3% @ 100% load 110 VAC ± 3% @ 50% load	
	Low Line Comeback	170 VAC /150 VAC/ 130 VAC /120 VAC± 5 %			186 VAC ± 3% @ 100% load 120 VAC ± 3% @ 50% load	
	High Line Transfer	300 VAC ± 5 %			300 VAC ± 3%	
	High Line Comeback	290 VAC ± 5 %			290 VAC ± 3%	
Frequency Range		45Hz ~ 55 Hz or 56Hz ~ 65 Hz			46~54 Hz or 56~64 Hz	
Power Factor		≧ 0.99			≧ 0.99 @ 100%load	
OUTPUT						
Output Voltage		208/220/230/240 VAC			208/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		± 1%			± 1%	
Frequency Range (Synchronized Range)		48 ~ 52 Hz or 58 ~ 62 Hz			46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.2 Hz or 60Hz ± 0.2 Hz			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:1			3:1	
Harmonic Distortion		≦ 2 % THD (Linear Load), 8% max. (Batt. mode before shut down)			≦ 3 % THD (Linear Load) ≦ 6 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero				
	Inverter to Bypass	4 ms (Typical)			Zero	
Waveform (Batt. Mode)		Pure Sinewave				
EFFICIENCY						
AC Mode		86%	88%		89%	
Battery Mode		83%	85%		88%	
BATTERY						
Battery Type		12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah
Numbers		2	4	6	20	20
Typical Recharge Time		4 hours recover to 90% capacity			3 hours recover to 90% capacity	4 hours recover to 90% capacity
Charging Current (max.)		1.0 A			2.0 A	
Charging Voltage		27.4 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ±1%	273 VDC ±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)		380 x 438 x 88 [2U]	480 x 438 x 88 [2U]	600 x 438 x 88 [2U]	UPS Unit : 580 x 438 x133 [3U] Battery Pack : 580 x 438 x 133 [3U]	UPS Unit: 668 x 438 x 133 [3U] Battery Pack : 580 x438 x 133 [3U]
Net Weight (kgs)		13.2	20.6	29	UPS Unit : 17 Battery Pack : 57	UPS Unit : 20 Battery Pack : 63
ENVIRONMENT						
Humidity		20-90 % RH @ 0- 40°C (non-condensing)				
Noise Level		Less than 50dB @ 1 Meter			Less than 55dBA @ 1 Meter	Less than 58dBA @ 1 Meter
MANAGEMENT						
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/ 2008, Windows® 7, Linux, Unix, and MAC				
Optional SNMP		Power management from SNMP manager and web browser				

NOTE 1: Derate to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.

NOTE 2: If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

Distributed by

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