

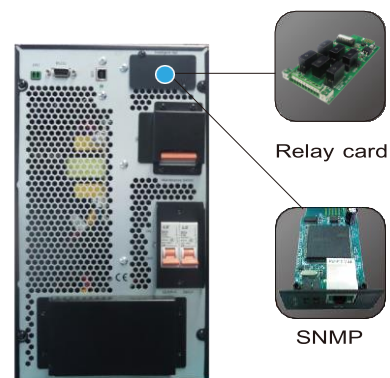
MECER 6KVA-10KVA

Power range: 6kVA~10kVA



Features

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range:110~286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 220/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface:RS232/USB/EPO (Dry contact /SNMP card optional)
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function:short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Technical Specifications:

MODEL	ME- 6000-WPTU	ME-10000-WPTU
Capacity	6000VA/ 5400W	10000VA/ 9000W
INPUT		
Nominal voltage	220 - 240Vac	
Input voltage range	110~286Vac	
Frequency range	40~70Hz (50/60Hz Auto-Sensing)	
Power factor	≥0.99	
Bypass voltage range	Max. voltage:230~264Vac Min. voltage:176~220Vac	
OUTPUT		
Output voltage	208/220/230/240Vac	
Power factor	0.9	
Voltage regulation	±1%	
Output frequency	±10% of the rated frequency	
	Line Mode	(50/60±0.1%)Hz
	Bat. Mode	
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% Linear load ≤5% Non linear load	
Transfer time	AC mode to Bat. Mode	0ms
	Inverter to Bypass	5ms (Typical)
Output waveform	Pure Sinewave	
Overload	Line Mode	Load≤105% long time running; ≤125% last 10min; ≤130% last 30s; >130% turn to bypass mode immediately
	Bypass Mode	40A (Breaker) 63A (Breaker)
Efficiency	93.5%	
BATTERY		
Battery voltage	240Vdc (Adjustable) , without neutral	
Capacity (Standard unit)	9Ah/12V (7Ah/12V optional)	
Typical recharging time	6~8 hours (to 90% of full capacity)	
Charging current	1A (Standard unit) ; Long run unit Max. current 8A (Charging current can be set according to battery capacity)	
INDICATORS		
LED display	Line mode, Bat. mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault	
LCD display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature& Remaining battery backup time	
ALARM		
Battery mode	Beeping every 4 seconds	
Battery low	Beeping every second	
Overload	Beeping twice every second	
Fault	Continuously beeping	
PHYSICAL		
Dimension W x D×H (mm)	H:191 x 460 x 337;S:191 x 460 x 720 (With wheel)	
Net weight (kg)	12	69.5 13.5 71
ENVIRONMENT		
Operating temperature	0℃~40℃	
Storage temperature	-25℃~55℃	
Humidity range	20~95%RH @ 0~40℃ (Non condensing)	
Altitude	<1500m, derating required when>1500m	
Noise level	<55dB at 1 Meter	<58dB at 1 Meter
STANDARDS		
Safety	IEC/EN62040-1, IEC/EN62477-1	
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	

Specifications are subject to change without prior notice.

When output voltage is 208Vac, need to derate to 80% of the unit

