

MUO

1:1 Phase (PF 1.0 Online UPS)

Power range : 6kVA~10kVA



Features

- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range: 110~286Vac
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/EPO (Relay card /SNMP card optional)
- Maximum charging current up to 10A
- 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

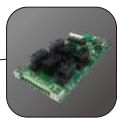


Parallel board

3 kinds of LCD can be selected



Colourful LCD



Relay card



SNMP

Technical Specifications:

MODEL	MUO-6000 H	MUO-6000 S	MUO-10K H	MUO-10K S
Capacity	6000VA / 5400W		10000VA / 9000W	
INPUT				
Nominal voltage	208/220/230/240Vac			
Input voltage range	110~286Vac			
Power factor	≥0.99			
Bypass voltage range	Max.voltage:220V:+25% (Optional+10%,+15%,+20%) 230V:+20% (Optional+10%,+15%,+20%) 240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)			
FREQUENCY				
Frequency range	40~70Hz (50/60Hz Auto-Sensing)			
OUTPUT				
Output voltage	208/220/230/240Vac			
Voltage regulation	± 1%			
Power factor	0.9			
Output frequency	± 1%/ ± 2% ± / ± 4%/ ± 5%/ ± 10% of the rated frequency (Optional) (50/60 ± 0.1%)Hz			
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	0ms		
Output waveform	Pure Sinewave			
Overload	Line Mode	Load ≤ 110% last 60min; ≤ 125% last 10min; ≤ 150% last 1min; >150% turn to bypass mode immediately		
	Bypass Mode	40A (Breaker)		63A (Breaker)
Efficiency	93.5%			
BATTERY				
Battery voltage	± 96/ ± 108/ ± 120Vdc (Adjustable)	± 120Vdc	± 96/ ± 108/ ± 120Vdc (Adjustable)	± 120Vdc
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 10A (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 x H (mm)	H:191 x 460 x 337 ; S:191 x 460 x 720 (With wheel)			
Net weight (kg)	12.5	70	14	71.5
ENVIRONMENT				
Operating temperature	0°C ~ 40°C			
Storage temperature	-25°C ~ 55°C			
Humidity range	20~95%RH @ 0~40°C (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 capacity.