



MUO-5000L Datasheet

- True double-conversion
- Pure sinewave output
- Output Power Factor 1.0
- Configurable charging current via LCD setting
- Compatible with Generator
- Cold Start capability
- Overload and short circuit protection
- Very powerful AC charger at 60A
- Optional parallel operation up to 9 units for Single Phase and Three Phase application
- Common 48Vdc battery pack for the parallel system
- Full Bridge inverter design to support half-wave load and unbalanced load



MUO-5000L 48V Online UPS Selection Guide

MODEL		MUO-3000L	MUO-5000L
CAPACITY		3000VA/3000W	5000VA/5000W
INPUT			
Voltage		230 VAC	
Voltage Range		110-280 VAC	
Frequency Range		46~54 Hz or 56~64 Hz	
Power Factor		≥ 0.98 @ Nominal Voltage (100% Load)	
THDi		<= 8 %	
OUTPUT			
Output Voltage		230 VAC ± 5%	
Frequency Range (Synchronized Range)		46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz	
Harmonic Distortion		≤ 3% THD (Linear Load), ≤ 5 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	0ms	
	Inverter to Bypass	4 ms (Typical)	
Waveform		Pure Sinewave	
EFFICIENCY			
Line Mode		93%	
ECO Mode		99.5%	
Battery Mode		91%	
BATTERY			
Battery Voltage		48 VDC	
Operating Voltage Range		40~66 VDC	
Floating Charge Voltage		54.6 VDC	
Overcharge Protection		66 VDC	
Charging Current (max.)		60 A	
PHYSICAL			
Dimension, D x W x H(mm)		465 X190 X 336	
Net Weight (kgs)		14	15
Communication Interface		RS232 & USB	
OPERATING ENVIRONMENT			
Humidity		0 to 95% Relative Humidity(Non-condensing)	
Operating Temperature		0°C to 50°C	
Storage Temperature		-15°C to 60°C	

Product specifications are subject to change without further notice