

Online UPS 1Phase Out

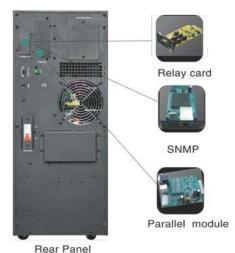


MF Series





Control Panel



Features:

- · Online double conversion with DSP control
- Input current harmonic: <5%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor 0.9
- Wide input voltage range: 120~276Vac
- Wide input frequency range (50Hz:45~55Hz/60Hz: 54~66Hz)
- Support generator input
- Support economic(ECO) operation mode
- · Self-testing while UPS startup
- Options: SNMP card/ Relay card/ Parallel card
- Cold start

► Technical Specifications

MODEL		MF1106L16	MF1106B16	MF1110L16	MF1110B16	MF3110L16	MF3120L1		
Capacity (VA)		600	0		10000		20000		
NPUT					7.0				
Nominal volta	age	220/230/240Vac 380/400/415Vac; (3Ph+N+PE)							
Operating vol	A CONTRACTOR OF THE PARTY OF TH	120 ~ 276Vac 304 ~ 478Vac							
	quency range	50Hz:45~55Hz; 60Hz:54~66Hz(auto sensing)							
Power factor		≥0.99							
		Max.voltage: +15%(optional +5%,+10%,+25%)							
		Min.voltage: -45% (optional -20%,-30%)							
Bypass voltage range		Frequency protection range:±10%							
ECO range		Same as the bypass							
Harmonic distortion (THDi)		<5% (100% linear load)							
Generator inp	out			Sup	port				
OUTPUT				2-01080					
Rated voltage	157			220/230	/240Vac				
Power factor		0.9 (Standard)							
Voltage regulation		±1%							
	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency(optional)							
Frequency	Bat. Mode	50/60(±0.2)Hz							
Crest factor	1	3:1							
Harmonic distortion (THDi)		≤2% with linear load, ≤5% with non linear load							
Efficiency			>9	92%		>93	3%		
BATTERY									
Battery voltage		192Vdc/ 216 & 240Vdc (Optional)							
Backup Time		Depends on the capacity of external batteries Estimated remaining time displayed on the LCD							
Typical recharge time		6 ~ 8 hours (to 90% of full capacity)							
Charge currer	nt	Max.current 6A Max.current 10A							
SYSTEM FEAT	URES	1115990225555			11,325	00 mm (p. 131.6 1 0.00 mm (p. 100 0.00 mm)			
Transfer time				Utility to Battery : 0ms	; Utility to bypass: 0ms				
Overload (Lin	e Mode)	Load≤110%: last 60min, ≤125%: last 10 min, ≤150%: last 1 min, ≥150% shut down UPS immediately							
Short circuit		Hold Whole System							
Overheat		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately							
ow battery v	oltage	Alarm and Switch off							
Self-diagnostics		Upon Power On and Software Control							
PO	100	Shut Down UPS immediately							
Battery		Advanced Battery Management							
Noise Suppre	ssion	Complies with EN62040-2							
Audible & Vis	ual alarms	Line Failure, Battery Low, Overload, System Fault							
ED & LCD dis	play	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault							
LCD display		Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time							
Communication interface		USB, RS485, SNMP card, Parallel card, Relay card (optional)							
ENVIRONME	NTAL			The state of the s		4			
Operating ter	mperature	0°C ~ 40°C							
Storage temperature		-25°C ~ 55°C							
Humidity range		0 ~ 95% (non-condensing)							
Altitude		< 1500m							
Noise level	Į.			<5!	5dB				
PHYSICAL				V-100					
Dimension W×D×H (mm)		220x481x438	250x500x650	220x481x438	250x500x650	250x5	02x616		
Net weight (kg)		18 Kg	65 Kg	20 Kg	70 Kg	35 Kg	40 Kg		
STANDARDS	7.5				7000000				
Safety				IEC/EN62040-1	IEC/EN60950-1				
Carrons		IEC/EN62040-2, IEC61000-4-2, IEC61000-4-4,							
EMC		IEC61000-4-5, IEC61000-4-6, IEC61000-4-8							

Specifications are subject to change without prior notice.



Unison Power Systems

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