

MODEL	MF1101L3	MF1102L4	MF1102L6	MF1102L8	MF1103L6	MF1103L8	MF1105L16	MF1106L16	MF1110L16	
Capacity	1 kVA	2 kVA			3 kVA		5 kVA	6 kVA	10 kVA	
INPUT										
Nominal Voltage	220V/230V/240V AC (1Ph+N+PE, 3 Wire)									
Operating Voltage Range	110V~300V AC Load Dependent									
Operating Frequency Range	50 / 60 Hz ± 10% (Auto Sensing)									
Power Factor	>0.99									
OUTPUT										
Output Voltage/Power Factor	220V / 230V / 240V AC / ±1% / 0.8 Std., 0.9 Optional									
Output Frequency	Auto Sensing 50 / 60 Hz ± 1~10% Sync Mode (Configurable), 50/60 Hz ± 0.1 Hz Battery Mode									
Harmonic Distortion (THDv)	<2% (Linear load), <5% (Non Liner Load)									
Crest Factor	3:1									
Efficiency	Up to 94% Dual Conversion Mode, 99% ECO Mode									
BATTERY										
DC Voltage	36V	48V	72V	96V	72V	96V	192-220V Configurable			
Charge Current	6.5 A Configurable									
Typical Recharge Time	8 Hours (90% of full capacity)									
SYSTEM FEATURES										
LCD Indication	Input Voltage/Frequency, Output Voltage/Frequency, Battery Voltage, Load Watt/VA and %, Inverter Temperature, Operation Mode such as "On Line", "ON Batt" or On "Bypass", Fault Codes, Battery & Load Bar graph									
LED Indication	Normal Operation, Bypass, Abnormal, Fault and Battery Mode									
Alarms / Protection	Batt. Low, DC High, Inverter Under/Over Voltage, UPS Over Load, Short Circuit, Fan Failure and UPS Fault.									
Overload Capability	≤ 125% for 10 min, > 125-150% for 1 min, > 150% for 200 ms									
Transfer Time	AC to Battery : 0ms, Inverter to Bypass : 4ms (Typical)									
ENVIRONMENTAL										
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C									
Humidity / Altitude	0~95% RH Non-condensing / < 1500 M									
Noise	Low Audible Noise Level									
PHYSICAL										
Dimension WxDxH (mm)	144x400x215	192x469x399					220x481x438			
Weight (Kg)	5.6	10.7	10.8	11.2	10.8	11.2	17	18	20	
STANDARDS										
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, BIS, RoHS									
Safety	IEC/EN62040-1									
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE									
COMMUNICATION INTERFACE										
Standard	RS-232									
Optional	SNMP / ModBus / Dry Contact / USB / RS-485									
Monitoring Software	NetAgent Utility v5.8 / UPSilon 2000									

*Specifications are subject to change without prior notice.

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