

MF Series 1 kVA

Application:

For all kind of ADP Machines



Control Panel
up to 50 Items Set by LCD



Features:

- True Online, Double Conversion & PWM Technology.
- Fully Digitized Microprocessor Control, High Frequency & Pure Sine Wave Output.
- LCD Display and Wide Input Voltage Range
- High Input Power Factor >0.99
- Static Bypass and manual bypass
- IGBT Based - Inverter & Rectifier
- Isolation Transformer Compatible
- Advanced Battery Management
- Automatic Battery Charge in UPS Off Mode
- EMI/RFI and Noise Filter
- Generator and Solar Compatible
- High Reliability Digital Control
- Auto-start Function & cold start feature
- ECO Mode & CMS Software integration option

Rear Panel

1. RS232
2. Intelligent Slot / SNMP(Optional)
3. External Battery (Optional)
4. Fan
5. Output Sockets
6. Power Breaker
7. Input
8. Output Terminal Block
9. EPO (Optional)



Technical Specifications of MF Series Internal Battery Model 1kVA

MODEL	MF1101L3
Capacity (VA)	1000
INPUT	
Nominal Voltage	220V/230V/240V AC (1Ph+N+PE, 3 Wire)
Operating Voltage Range	100V~300V AC Load Dependent
Operating Frequency Range	50 / 60 Hz $\pm$ 10% (Auto Sensing)
Power Factor	>0.99
OUTPUT	
Output Voltage/Power Factor	220V / 230V / 240V AC / $\pm$ 1% / 0.8 Std., 0.9 Optional
Output Frequency	Auto Sensing 50 / 60 Hz $\pm$ 1~10% Sync Mode (Configurable), 50/60 Hz $\pm$ 0.1 Hz Battery Mode
Harmonic Distortion (THDv)	$\leq$ 1%
Crest Factor	3:1
Efficiency	94.0% Dual Conversion Mode, 99.0% ECO Mode
BATTERY	
DC Voltage	96V
Battery Type & Number	12V/9AH x 08
Charge Current	1 A
Typical Recharge Time	4-5 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	$\leq$ 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: 0~50°C*, Storage: -15°C ~ 60°C
Humidity / Altitude	0~95% RH Non-condensing / <1500m No derating
Noise	$\leq$ 45dBA
PHYSICAL	
Dimension WxDxH (mm)	192x469x399
Weight (Kg)	28.1
STANDARDS	
Quality	ISO 9001, ISO 14001, ISO 27001, ISO 45001, ISO 50001, 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 / View Power / UPSilon 2000 / Muser 4000

*Conditions apply.
 Specifications are subject to change without prior notice.

Best Power Equipments India Pvt. Ltd.

Corporate Office: G-240, Sector-63, Distt. Gautam Buddh Nagar, Noida-201307 UP
Registered Office: 812A, Shakuntala Building, 59, Nehru Place, New Delhi-110019
 PH: +91 120 4637000-0029 | Mobile: +91 9311995859 | Email: crm@bpe.co.in
 support@bpeeservices.com | Toll Free: 1800 103 1247 | Website: www.bpee.com