

MFP Series

6~10kVA

1:1 Phase PF: 1.0

Applications:

Server and Others Networking Equipments



Features:

- True Online Double Conversion with DSP Controlled Sine Wave
- IGBT, Both Inverter & Rectifier
- Input Current Harmonic: <3%/<5%
- Optimization Battery Group, The Quantity of Battery: 16/18/20 Pises
- High Input Power Factor 0.99
- High Output Power Factor 0.1
- Wide Input Voltage Range: 120~280V AC
- Wide Input Frequency Range (50Hz: 45~55Hz/60Hz: 54~66Hz)
- Generator Compatibility
- Support Economic Operation (ECO) Mode
- Self-Testing while UPS Startup
- Optional Parallel upto 4 units
- Static Bypass and Cold Start
- Auto Start and cold start function
- Isolation Transformer Compatible

Rear Panel

1. Fan
2. Input Switch
3. Output Switch
4. Maintenance Switch
5. Terminal
6. Com Port
7. USB Port
8. Parallel Port
9. EPO
10. Intelligent Slot / SNMP(Optional)



MODEL	MFP1106LB16	MFP1110LB16
Capacity (kVA / kW)	06 / 06	10 / 10
INPUT		
Nominal Voltage	220V / 230V / 240V AC (L+N+PE)	
Operating Voltage Range	110V~300V AC Load Dependent	
Operating Frequency Range	50 / 60 Hz \pm 10% (Auto Sensing)	
Power Factor	0.99	
Bypass	Voltage	\pm 20% (Configurable)
	Frequency	\pm 10% (Configurable)
ECO Range	Same as the Bypass, can be configured	
Generator Input	Compatible	
OUTPUT		
Rated Voltage	220V / 230V / 240V AC L+N+PE (Configurable)	
Power Factor	0.8 (Standard) 0.9 / 1.0 (Optional)	
Voltage Regulation	\pm 1%	
Frequency	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode	
Crest Factor	3:1	
Overload	\leq 125% for 10 Min, \leq 150% for 30 Sec, \geq 150% for 200ms	
Harmonic Distortion (THDv)	\leq 2% with Linear Load, \leq 3-5% with Non Linear Load	
Efficiency	Up to 94% Dual Conversion Mode, 99% ECO Mode	
BATTERY		
Battery Voltage	192V DC / 216V & 240V DC (Configurable)	
Typical Recharge Time	6~8 Hours to 90% of full Capacity	
Charge Current	6A	10A
SYSTEM FEATURES		
IP Protection	IP 20	
Transfer Time	Zero	
EPO / ECO / CVCF	Shutdown UPS Immediately / ECO and CVCF Mode can be Configurable	
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC BUS Under / Over Voltage and Battery low	
LED Display	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, Temperature & Remaining Battery Backup Time, Load VA/W, Load and Battery Barograph	
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)	440x660x176	
Net Weight (Kg)	12 (L), 58 (B)	14 (L), 68(B)
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 / View Power / UPSilon 2000 / Muser 4000	

*Specifications are subject to change without prior notice.

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