

MFP Series

5~10kVA

1:1 Phase

PF: 1.0

Applications:

For all kind of ADP Machines



Features:

- True Online Double Conversion with DSP Controlled Sine Wave
- IGBT, Both Inverter & Rectifier
- Optimization Battery Group, The Quantity of Battery: 16/18/20 Nos.
- High Input Power Factor 0.99
- High Output Power Factor 1.0
- 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		MFP1105L16	MFP1106L16	MFP1110L16
Capacity (kVA / kW)		05 / 05	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 ± 10% (Auto Sensing)		
Power Factor		□0.99		
Bypass	Voltage	± 20% (Configurable)		
	Frequency	± 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		±1%		
Frequency		Auto Sensing 50 / 60 Hz ± 1~10% Sync Mode (Configurable), 50/60 Hz ± 0.1 Hz Battery Mode		
Crest Factor		3:1		
Overload		≤ 125% for 10 Min, ≤ 150% for 30 Sec, ≥ 150% for 200ms		
Harmonic Distortion (THDv)		≤1		
Efficiency		94.0% Dual Conversion Mode, 99.0% ECO Mode		
BATTERY				
Battery Voltage		192V DC / 216V & 240V DC (Configurable)		
Typical Recharge Time		4-5 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, 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 Bargraph		
INVIRONMENTAL				
Temperature		Operating: 0~50°C*, Storage: -15°C ~ 60°C		
Humidity / Altitude		0~95% RH Non-condensing / <1500 M		
Noise		≤ 45dBA		
PHYSICAL				
Dimension WxDxH (mm)		192x465x345	192x540x345	
Net Weight (Kg)		12 (L), 58 (B)	14 (L), 68(B)	
STANDARDS				
Quality		ISO 9000, 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@bpee.co.in
 support@bpeindia.com | Toll Free: 1800 103 1247 | Website: www.bpee.com