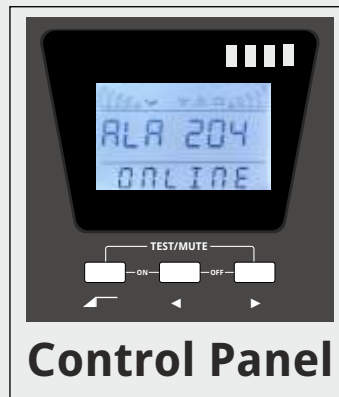


MFP Series

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 \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 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		
ENVIRONMENTAL			
Temperature	Operating: 0~50°C*, Storage: -15°C ~ 60°C		
Humidity / Altitude	0~95% RH Non-condensing / <1500 M		
Noise	\leq 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.

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POWER IS ON

