

Online UPS_{1Phase Out}



MF Series

1-10-20KVA

Application:

Server and other networking equipments



Control Panel



- 1.LCD
- 2.ON/OFF Button
- 3.Self-test/Silence Button
- 4.Scroll Button
- 5.Normal
- 6.Alarm
- 7.Abnormal

LCD+LED display.



Features:

- High frequency and double conversion on-line technology
- Fully digitalized microprocessor control
- Wide input voltage range
- LCD Display
- Cold start
- IGBT both in converter and inverter stage
- Advanced battery management
- Automatic battery charge in UPS OFF mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed auto control when load varies
- Optional extension battery pack
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP Card slot
- 4 No. can be paralleled for 24, 40 & 80KVA (for 6, 10 & 20 KVA)

Rear Panel



- 1.RS232
- 2.Fan
- 3.Input breaker
- 4.Terminal block
- 5.SNMP slot
- 6.Parallel port
- 7.Battery socket
- 8.Maintenance switch
- 9.Active wheel

Tower

▶ Technical Specifications

Model Type	MF 1101IB MF 1101L2 MF 1101L3	MF 1102IB MF 1102L4 MF 1102L8	MF 1103IB MF 1103L6 MF 1103L8	MF 1105IB MF 1105L8 MF 1105L10	MF 1106IB MF 1106L16 MF 1106L20	10K (1-1) MF 1110L16 MF 1110L20	10K/20K (3-1) MF 3110L20 MF 3120L20
Input							
Power factor & THDi	>0.99 , THDI < 3% (at full load)						
Voltage range(V)	(110-300 at : 50% Load) (160-300:100% Load)			(160-300:100% Load)		(277-485 at 75% Load)	
Frequency range(Hz)	50/60 ± 6% (50/60 Hz settings)						
Output							
Power(VA)	1000	2000	3000	5000	6000	10000	10000 & 20000
Power factor	0.7 (standard), 0.8/0.9 (option), (0.8 standard in case of L2, L4, L6 Models)						
Voltage(V) , Frequency(Hz)	220/230/240 ± 1% , 50/ 60 ± 0.5% (Battery mode)						
Efficiency	Up to 91%						
Overload	105%~130% for 60 seconds. 131%~150% for 30 seconds. >150% for 300 ms						
Battery							
Battery voltage(VDC)	24/36	48/96	72/96	96/120/192/240		192/240	
Charger current(Max)	4 ~ 7 Amp Standard						
Recharge Time	<8 hours to 90%						
Other Features							
Communication	RS232 port supports UPS power management software or UPSilon2000						
SNMP(option)	power management from SNMP manager and Web browser						
USB(option)	windows family						
Alarm	Battery low voltage, abnormal power supply, UPS failure						
Protection	Protection for battery low voltage, overload, short-circuit and over temperature						
Noise (dB), Temperature & RH	< 45 dB(1 meter) , 0 ~ 40°C, 0 ~ 95%, No condensation						

Model	Weight (in kg)	Dimension (WxDxH) mm	Model	Weight (in kg)	Dimension (WxDxH) mm	Model	Weight (in kg)	Dimension (WxDxH) mm
MF1101L02	5	146x400x205	MF1103L08	20	191x497x339	MF1106L08	14.3	190x426x318
MF1101IB	9.5	146x400x205	MF1103IB	35	191x479x339	MF1106L16	18.4	240x500x460
MF1101L03	7.5	144x419x215	MF1105L08	14.3	190x426x318	MF1106L20	32	253x637x700
MF1102L04	9	145x397x220	MF1105L10	20	213x462x340	MF1106IB	75	253x637x700
MF1102IB	17.5	145x397x220	MF1105L16	20	240x500x460	MF1110L16	20	240x500x460
MF1102L08	20	191x479x339	MF1105L20	32	253x637x700	MF1110L20	34	253x637x700
MF1103L06	13	190x421x318	MF1105IB	74	213x462x340	MF3110L20	39	253x637x700
			MF3110IB	86	253x637x700	MF3120L20	60	253x637x700



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Manufacturer of UPS, Inverters, Solar Inverters, Stabilizers, Isolation Transformers & Batteries.

Pioneer In Power