



MODEL	MFP1106LB16	MFP1110LB16
Capacity (kVA / kW)	06 / 06	10 / 10
<b>INPUT</b>		
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	
<b>OUTPUT</b>		
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	
<b>BATTERY</b>		
Battery Voltage	192V DC / 216V & 240V DC (Configurable)	
Typical Recharge Time	6~8 Hours to 90% of full Capacity	
Charge Current	6A	10A
<b>SYSTEM FEATURES</b>		
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	
<b>ENVIRONMENTAL</b>		
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C	
Humidity / Altitude	0~95% RH Non-condensing / <1500 M	
Noise	Low Audible Noise Level	
<b>PHYSICAL</b>		
Dimension WxDxH (mm)	440x660x176	
Net Weight (Kg)	12 (L), 58 (B)	14 (L), 68(B)
<b>STANDARDS</b>		
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	
<b>COMMUNICATION INTERFACE</b>		
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.

## Best Power Equipments (I) 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

