



Line Interactive PureSine Wave UPS Longer Backup



SINGLE PHASE INPUT / SINGLE PHASE OUTPUT RANGING 1KVA TO 6KVA

Intelligent Design

Micro-controller based intelligent system ensures reliable and smooth operation

Display

LED metering to indicate real time information of input & output parameters

Extended Operating Range

Caters wide input voltage range against acute power anomalies

OV/UV Protection

Protects the load in case of over / under voltage, its AVR works and upon extreme low/high voltage keeps your load running on batteries

Noise Filtering

Filters high frequency phase-to-neutral & ground to neutral noise

Excellent Load Handling

Capability of handling 100% load & ensure continuous operation of connected load

Surge Protection

Built-in Surge Suppression protection against surges between L-N

Short Circuit Protection

Intelligent Short Circuit Protection feature ensures safety

POWER FACTOR 0.8 (pf)

Product Features

- EI core type transformer 99.9% copper.
- Pure Sine-Wave Output.
- Superior performance from CPU Control Technology.
- Wide range of input voltage, accurate output, AVR Function.
- Inner-equipped protection for over load, short circuit, over voltage, low voltage, over heating etc.
- Easy to check condition with concise LED indication that can be upgraded to LCD
- Generator compatibly and external battery connection Achievable.
- Intelligent Battery Management with protection against over-charged and over-discharge etc.

Model		MPR 1000E	MPR 2000E	MPR 3000E	MPR 5000E	MPR 6000E
Rated Capacity		1000VA	2000VA	3000VA	5000VA	6000VA
Rated Power		800W	1600W	2400W	4000W	4800W
Transformer		C.R.G.O				
Interface		LED Graphic				
Display Status		Working load & Battery				
I N P U T	Voltage	130 – 280 VAC				
	Frequency	45 – 65Hz				
O U T P U T	Voltage	220VAC ± 1% for inverter; 220VAC±8% for regulator				
	Frequency	50/60 Hz ±0.5Hz, subject to the main				
	Waveform	Pure Sine Wave				
	wavedistortion	≤ 3%				
Protection		Overload High Temperature, Output high / low voltage, Battery low voltage, short circuit, over charge, over discharge				
Transfer Time		4ms				
B A T T E R Y	Battery Voltage	12 VDC	24 VDC	24 VDC/ 48 VDC		
	Charge voltage	13.8V ± 0.5V	27.6V ± 0.5V	55V ± 1V		
	Low Battery Voltage Limit	11V ± 0.5V	22V ± 0.5V	44V± 1V		
	Battery Low Voltage Protection Point	10.5V ± 0.5V	21V ± 0.5V	42V ± 1V		
	Charge current	10A / 15A /20 A –Adjustable as per Battery Capacity				
	Cooling System	Yes				
	E N V I R O N M E N T	Operating Temperature	0 – 50 °C			
Relative Humidity		95% – RH (non condensing)				
Storage Temperature		–10º to –50º				
A P P E A R A N C E	Inverter Size (mm)	320 x 165 x 246		381 x 216 x 254		475 x 254 x 330
	Carton size (mm)	381 x 178 x 279		419 x 249 x 305		559 x 305 x 419

All specifications / Front Display are subject to change without prior notice