



# POWEREX

Reliable Energy Protection



## MP1100T

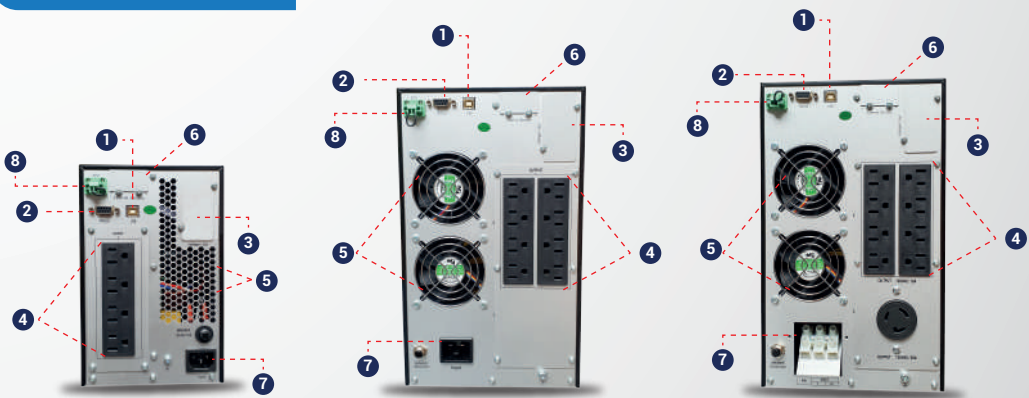
- 1 KVA
- 2 KVA
- 3 KVA

1:1 phase PF: 1

### FEATURES

- ▶ Online double - conversion
- ▶ Wide input voltage range (55 - 150 Vac)
- ▶ Input power factor 0.99 (With PFC)
- ▶ Output Power Factor 1
- ▶ 50Hz/60Hz frequency converter mode
- ▶ Generator compatible
- ▶ UBS / RS232 multiple communications
- ▶ SNMP optional Slot
- ▶ Smart battery changer design for optimized battery performance
- ▶ Selectable output voltage: 100, 110, 115, 120, 127 Vac
- ▶ LCD panel, friendly operation
- ▶ Battery EOD voltage setting

### REAR PANEL



1KVA-120V

2KVA-120V

3KVA-120V

- 1 USB PORT
- 2 RS232 PORT
- 3 SNMP Intelligent Slot
- 4 OUTPUT
- 5 FAN
- 6 Ext. Battery Slot
- 7 INPUT (NEMA 5-15P)
- 8 EPO

## TECHNICAL SPECIFICATIONS

Model	MP1101T	MP1102T	MP1103T
<b>Input</b>			
Nominal Voltage	100/110/115/120/127VAC/L+N+PE		
Voltage Range	55Vac~150VAC		
Frecuency Range	40°-70° Hz		
Power Factor	≥0.99 100% load (Nominal Input Voltage)		
THDi	≤4% (linear load); <5% (non-linear load)		
<b>Input</b>			
Output voltage	100/110/115/120/127VAC		
Power factor	1		
Output Capacity	1KVA/1KW	2KVA/2KW	3KVA/3KW
Voltage Regulation	±1%		
Frequency	Online mode: according to AC frequency, Battery mode: 50/60Hz±0.1%		
Crest Ratio	3:1		
Load Capacity	AC MODE 10min @102%~110% Load 10min @110%~130% Load 10s @130%~150% Load 200ms@ >150%	Battery MODE 1min @102%~110% Load 10s @110%~130% Load 3s @130%~150% Load 200ms@ >150%	
Harmonic Distortion	≤2% THD (liner load); ≤4% THD (non-linear load)		
Wave form	Pure Sinewave		
Transfer time	AC mode ↔ Batt. Mode	0ms (Zero)	
	Invert ↔ bypass	4ms (Typical)	
<b>Battery (Lead acid Battery)</b>			
Capacity	12V9AH	12V9AH	12V9AH
Numbers	2	4	6
Charging Current	1A		
Charging Mode	Two/Three - period charging		
<b>Management</b>			
Inteligent port	RS232/USBport/SNMP card (optional)		
<b>Enviromental</b>			
Operating temperature	0°C~40°C		
Relative Humidity	0-95% (non - condensing)		
Altitude	< 1000m, Derating above 1000m, maximum 4000m, Refert IEC62040		
Noise level	<40dB @ 1 Meter		
<b>Physical</b>			
Dimension LxWxH	402×145×220 (mm)	405×190×320 (mm)	
Net Weight (kg)	10.7Kg	19.2Kg	24Kg
<b>Standars</b>			
Safety	IEC/EN62040-1,IEC/EN60950-1		
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8		