



POWEREX

Reliable Energy Protection

MP1100T

- 1 KVA
- 2 KVA
- 3 KVA

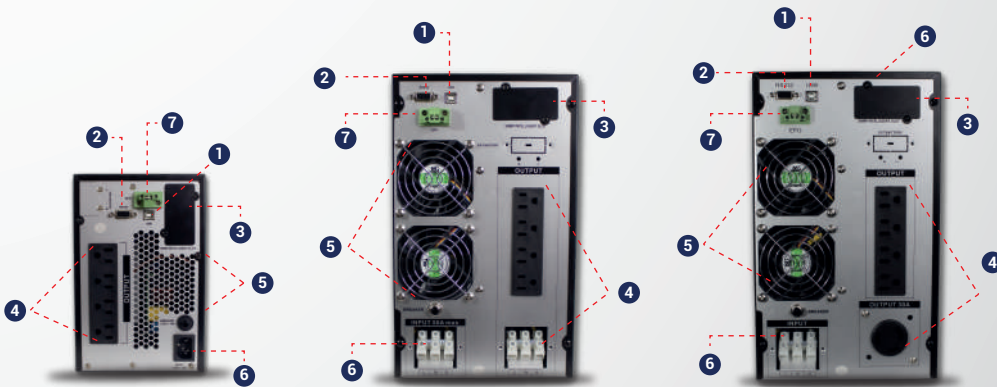
1:1 phase PF: 1



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
- ▶ Generator compatible
- ▶ USB / 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

REAR PANEL



- 1 USB PORT
- 2 RS232 PORT
- 3 SNMP Intelligent (Optional)
- 4 OUTPUT
- 5 FAN
- 6 INPUT
- 7 EPO

1KVA-120V

2KVA-120V

3KVA-120V

TECHNICAL SPECIFICATIONS

Model	MP1101T	MP1102T	MP1103T
Input			
Nominal Voltage	100/110/115/120/127VAC/L+N+PE		
Voltage Range	55-85Vac and 140-150VAC Power Limited		
Frequency Range	50/60±Hz,± 10Hz (Settable) 40°-70° Hz		
Power Factor	≥0.99 100% load (Nominal Input Voltage)		
THDi	≤4% (linear load); <6% THO (non-linear load)		
Output			
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 1min @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% Load	
Harmonic Distortion	≤2% THD (linear load); ≤4% THD (non-linear load)		
Wave form	Pure Sinewave		
Input Power Wire	Input cord Included		Wiring Terminal Block
Transfer time	AC mode ↔ Batt. Mode	0ms (Zero)	
	Invert ↔ bypass	4ms (Typical)	
Battery (Lead acid Battery)			
Capacity	12V9AH	12V9AH	12V9AH
Numbers	2	4	6
Charging Current	1A	Default 1A;1-12A(Optional)	
Charging Mode	Two/Three - period charging		
Management			
Intelligent port	RS232/USBport/SNMP card (optional)		
Environmental			
Operating temperature	0°C~40°C		
Relative Humidity	20-95% (non - condensing)		
Altitude	< 1000m, Derating above 1000m, maximum 4000m, Refert IEC62040		
Noise level	<50dB		
Storage Temperature	-15~60°C		
Physical			
Dimension L×W×H	402×145×220 (mm)	391×190×320 (mm)	
Net Weight (kg)	11Kg	18Kg	23Kg
Standards			
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		