



POWEREX
Reliable Energy Protection

MPT HV SERIES

2KVA / 3KVA

220V ON LINE UPS

FP : 1

APPLICATIONS

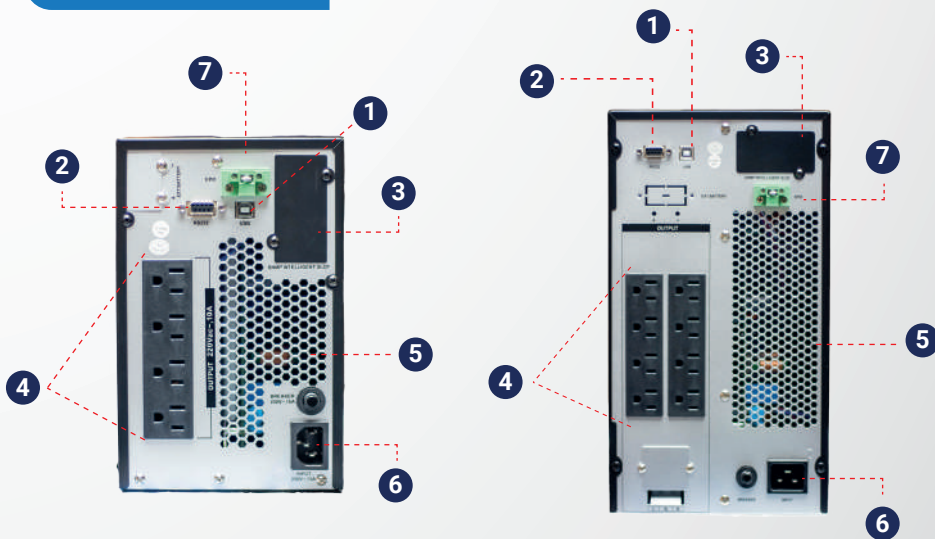
IDC (Internet Dater Center) - Network - Servers and workstations - Control System - Communication System - Office - PC, etc.



FEATURES

- ▶ True online double - conversion technology
- ▶ Wide input voltage range
- ▶ Voltage 220V single phase
- ▶ Advanced PFC technology, input PF > 99%
- ▶ Cold start
- ▶ Automatic battery charging on/off mode
- ▶ Surge protection
- ▶ LCD/LED display
- ▶ Smart RS232 port with monitoring software
- ▶ SNMP (Optional)

REAR PANEL



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

2KVA-220V

3KVA-220V

TECHNICAL SPECIFICATIONS

Model	MP2T HV	MP3T HV
Input		
Nominal Voltage	208/220/230/240Vac, L+N+PE	
Voltage Range	110-300VAC	
Frequency range	40-70 Hz	
Input power factor	≥ 0.99	
Harmonic Distorsion	≤4%THD(Linear Load); ≤5%THD(Non-linear Load)	
Output		
Nominal Voltage	208/220/230/240Vac, L+N+PE	
Power factor	1	
Output Capacity	2KVA/2KW	3KVA/3KW
Voltage Regulation	±1%	
Frequency	Online mode according to AC frequency, Battery mode: 50/60Hz±0.1%	
Crest Ratio	3:1	
Harmonic Distorsion	≤2% THD (Lineal Load); ≤5%THD (Non-linear Load)	
Transfer time	AC mode to battery mode 0ms, Inverter mode to bypass mode 4ms	
Input Power Wire	Input cord Included	
Overload Capacity	AC Mode: 30min@102~110% Load 10min@110~130% Load 30s@130%~150% Load 200ms@>150% Load	Battery Mode: 1min@102~110% Load 10s@110~130% Load 3s@130%~150% Load 200ms@>150% Load
Efficiency		
AC mode (Full Load)	95.5%	
Battery Mode (Full Load)	91.5%	
Battery		
Battery Type	Lead acid battery	
Voltage	48 Vcd	72 Vcd
Battery Number	12Vdc x 9Ah*4pcs	12Vdc x 9AH*6pcs
Charging Current	1~4A Settable	
Charging Mode	Two/Three period charging	
Management		
Intelligent port	EPO/RS232 / USB Port / SNMP Slot / card (optional)	
Enviroment		
Operation Temperature	0~40°C	
Ambient Humidity	20%~95% (no condensation)	
Storage temperature	-15°C~60°C	
Altitude	<1000m, Derating at avobe 1000m, maximum 4000m, Refer to IEC62040	
Noise Level	<50db @ 1 meter	
Physical		
Dimension (L×W×H)	392 * 145 * 220 (mm)	391 * 190 * 320 (mm)
Weight	16 Kg	21.9 Kg
Standard and Approvals	EN/IEC 61000, EN/IEC62040, GB/T7260, GB/T 4943, YD/T1095, TLCetc.	