

## MPI-8000W#48VPVT

### Features:

- >> High frequency inverter, lighter weight with higher efficiency
- >> Output power factor PF=1
- >> lithium battery activation start function with ac and solar mode
- >> Parallel function to expansion power
- >> Higher solar charging efficiency and battery protection
- >> Pure sine wave output, adaptable to different loads
- >> 450V high PV input
- >> Optional WIFI function
- >> Working with or without battery



### Technical Specifications

<b>Model</b>	MPI-8000W#48VPVT
<b>Input</b>	
Phase	L+N+PE
Nominal Voltage	208/220/230/240VAC
Voltage Range	154-264VAC±3V (Normal Mode) 185-264VAC±3V (UPS Mode)
Frequency Range	50Hz/60Hz (Adaptive)
<b>Output</b>	
Rated Power	8000W
Output Voltage (AC)	208/220/230/240VAC±5%
Output Frequency	50/60Hz±0.1%
Waveform	Pure sine wave
Transfer Time (Optional)	10ms for computer, 20ms for home appliances
Peak power	16000VA
Overload	Battery Mode 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load
Peak efficiency (Battery Mode)	> 94%
<b>Battery</b>	
Rated voltage	48Vdc
Constant voltage charging voltage (Optional)	56.4Vdc
Floating charge voltage (Optional)	54Vdc
<b>charger</b>	
PV charging method	Double MPPT
PV max input power	5500W+5500w
MPPT tracking range	120~500Vdc
Max PV input voltage	500Vdc
Max PV charging current	80A+80A
Max AC charging current	80A+80A
Max charging current	160A+160A
<b>Display</b>	
Display	Operating mode/load/input/output, etc.
<b>Communication port</b>	
RS232	5PIN/Pitch2.0mm, baud rate 2400
Expansion & configuration port	2x5PIN/Pitch2.54mm, lithium battery BMS communication card, WIFI card, dry contact card, etc.
Parallel interface	NO
<b>Environmental parameters</b>	
Operating environment temperature	0~40°C
Operating environment humidity	20%~95% (Non-condensing)
Storage temperature	-15~60°C
Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m, refer to IEC62040
noise	≤50db