

MPI-3000W#24VPVT

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

Model	MPI-3000W#24VPVT
Input	
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)
Output	
Rated Power	3000W
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	6000VA
Overload	Battery Mode 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load
Peak efficiency (Battery Mode)	> 94%
Battery	
Rated voltage	24Vdc
Constant voltage charging voltage (Optional)	28.2Vdc
Floating charge voltage (Optional)	27Vdc
charger	
PV charging method	MPPT
PV max input power	3500W
MPPT tracking range	120~430Vdc
Max PV input voltage	450Vdc
Max PV charging current	100A
Max AC charging current	100A
Max charging current	200A
Display	
Display	Operating mode/load/input/output, etc.
Communication port	
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
Environmental parameters	
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

LEAVE POWER FOR MEDAL POWER