

MPI-3000VA24VPVNT

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
- 500V high PV input
- Optional WIFI function



Technical Specifications

Model	MPI-3000VA24VPVNT		
Input	Phase	L+N+PE	
	Nominal Voltage	220/230/240VAC	
	Voltage Range	90-280VAC±3V (Normal Mode) 170-280VAC±3V (UPS Mode)	
	Frequency Range	50Hz/60Hz(Adaptive)	
Output	Rated Power	3000W	
	Output Voltage(AC)	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: 10.5s@110%~150% Load 5.5s@150%~200% Load 200ms@>200% 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	3000W	
	MPPT tracking range	40~400Vdc	
	Max PV input voltage	450Vdc	
	Max PV charging current	80A	
	Max AC charging current	60A	
Display	Max charging current	80A	
	LCD display	Operating mode/load/input/output, etc.	
Communication port	RS232	5PIN/Pitch2.0mm, baud rate 2400	
	Expansion & configuration port	2×5PIN/Pitch2.54mm, lithium battery BMS communication card, WIFI card, dry contact card, etc.	
	Parallel interface	No	
Environmental parameters	Operating environment temperature	-10~50℃	
	Operating environment humidity	20%~95% (Non condensing)	
	Storage temperature	-15~60℃	
	Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m, refer to IEC62040	
	noise	≤50db	

LEAVE POWER FOR MEDAL POWER