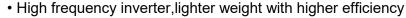


## **MPHi-11000W#48VPVT**

## **Features:**



- 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
- · Working with or without battery

## **Technical Specifications**

	Model	MPHi-11000W#48VPVT
	Phase	L+N+PE
Input	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	11000W
	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	22000VA
		Battery Mode:
	Overload	1min@102%~110% Load
		10s@110%~130% Load
		3s@130%~150% Load
		200ms@>150% Load
	Peak efficiency (battery mode)	>94%
	Rated voltage	48Vdc
Battery	Rated voltage	40VUC
	Constant voltage charging voltage (Optional)	56.4Vdc
	Floating charge voltage (Optional)	54Vdc
charger	PV charging method	Double MPPT
	PV max input power	5500W+5500W
	MPPT tracking range	90~500Vdc
	Max PV input voltage	500Vdc
	Max PV charging current	150A
	Max AC charging current	150A
	Max charging current	150A
Display	LCD display	Operating mode/load/input/output, etc.
Communication port	RS232	5PIN/Pitch2.0mm, baud rate 2400
	Expansion & configuration	2×5PIN/Pitch2.54mm, lithium battery BMS communication card,
	port	WIFI card, dry contact card, etc.
	Parallel interface	Yes
Environmental parameters	Operating environment	
	temperature	0~40℃
	Operating environment	
	humidity	20%~95% (Non condensing)
	Storage temperature	-15~60°C
	Storage temperature	
	Altitude	The altitude should not exceed 1000m, derating above 1000m,
		up to 4000m, refer to IEC62040
	noise	≤50db