Off-Grid inverter

HJ-HIO4863S/HJ-HIO4863S-P/
HJ-HIO4863S-L/HJ-HIO4833S-L

Product Introduction

This high-frequency inverter adopts a lightweight design, featuring a full-load output capacity of PF=1 and a 500V high-voltage photovoltaic input, offering higher efficiency and stronger performance. Supports lithium battery activation, parallel expansion, operation with or without batteries, and is compatible with various scenarios. Optional WiFi is available for easy remote monitoring.

- lighter weight with higher efficiency
- Parallel function to expansion power
- 500V high PV input
- Optional WIFI function
- Pure sine wave output, can adapt to different loads
- Working with or without battery

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HJ-HIO4863S/HJ-HIO4863S-P/HJ-HIO4863S-L/HJ-HIO4833S-L

Technical Specification

Parameter

Product model	HJ-HIO4863S H-16	HJ-HIO4863S-P H-17	HJ-HIO4863S-L H-22	HJ-HIO4833S-L H-20
Nominal Voltage	208/220/230/240VAC		220/230/240VAC	
Frequency Range	50Hz/60Hz(Adaptive)			
Rated Power	6200W	6200W	6200W	3000W
Output Voltage(AC)	208/220/230/240VAC±5%		220/230/240VAC±5%	
On / Off grid	YES	YES	YES	YES
Output Frequency	50/60Hz±0.1%			
Waveform	pure Sine Wave			
Peak power	12400VA	12400VA	12400VA	6000VA
Rated voltage	48Vdc	48Vdc	48Vdc	24Vdc
PV charging method	MPPT	MPPT	MPPT	MPPT
PV max input power	6200W	6200W	7500W	3000W
Max PV input voltage	500Vdc	500Vdc	500Vdc	500Vdc
Max PV charging current	100A	100A	120A	100A
Max AC charging current	80A	80A	100A	60A
Max charging current	100A	100A	120A	100A
LCD display	Operating mode/load/input/output, etc.			
Parallel interface	No parallel function	No parallel function	No parallel function	No parallel function
Operating environment temperature	-10~60℃	-10~60℃	-10℃~+50℃	-10℃~+50℃
Operating environment humidity	20%~95% (Non condensing)			
Storage temperature	-15~60℃	-15~60℃	-15~60℃	-15~60℃
Output voltage	/	/	220/230/240VAC	No grid connection
Grid feeding voltage range	/	/	195-253VA	No grid connection
Nominal output current	/	/	269A	No grid connection
Depth×width×height(mm)			433*330*138	403*304*114
Standards and certifications	EN-IEC60335-1,EN-IEC60335-2-29,IEC62109-1			

Application Scenarios

Residential Solar

Cut electricity bills
Backup power during outages
Best for: Homes, eco-conscious owners

Commercial Solar

Lower business energy costs
Reliable power for operations
Best for: Offices, shops, warehouses