

Off-grid inverter

HJ-HIO4883S-L 8KW
HJ-HIO4814S-Pro-L 11KW



HJ-HIO4883S-L/HJ-HIO4814S-Pro-L Technical Specification

Parameter

Maximum PV input Power	HJ-HIO4883S-L (H-23)	HJ-HIO4814S-Pro-L (H-24)
Nominal Voltage	220/230/240VAC	
Voltage Range	90-280VAC±3V(normal mode) 170-280VAC±3V(UPS mode)	
Frequency Range	50Hz/60Hz(Adaptive)	
Rated Power	8000W	11000W
Output Voltage(AC)	220/230/240VAC±5%	
Output Frequency	50/60Hz±0.1%	
Transfer Time(Optional)	Computer equipment 10ms,home appliances 20ms	
Peak power	16000W	22000W
Overload	11s@105%~150%Load; 2s@150%~200%Load; 400ms@>200%Load	
Rated voltage	48Vdo	
Constant voltage charging voltage (Optional)	56.4Vdc	
PV charging method	Dual MPPT	
PV max input power	2×5500W	
MPPT tracking range	90-500Vdo	
Max PV input voltage	500Vdc	
Max PV charging current	150A	
Max AC charging current	150A	
LCD display	Operating mode/load/input/output, etc.	
Expansion & configuration port	Lithium battery BMS communication card, WIFI card,dry contact card,etc	
Operating environment temperature	-10℃~+50℃	
Output voltage	220/230/240VAC	
grid feeding voltage range	195-253VA	
nominal output current	47.8A	
maximum conversion efficiency(DC/AC)	98%	
Depth×width×height(mm)	601*360*163.5	
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

Product Introduction

This inverter features a rounded corner design, with an exquisite appearance that combines beauty and practicality. It supports multi-parameter custom adjustment to meet various application scenarios. It is equipped with intelligent functions such as lithium battery communication, real-time load display, generator self-start dry contact, etc. At the same time, it provides pure sine wave output and short-circuit protection, with stable performance and more reassuring operation.



Cost-effective solution design



Rounded corner design, exquisite appearance



Support lithium battery communication



External WIFI,generator self-start dry contact function



Pure sine wave output, can adapt to different loads



Output short-circuit protection function