# Off-grid inverter

HJ-HIO4883S-L 8KW

HJ-HIO4814S-Pro-L 11KW

## 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

HUIJUE GROUP

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