Three-phase hybrid grid energy storage inverter

HJ-HIH4814S 10kw

Product Introduction

This inverter features a conversion efficiency of up to 98%, supports 160% DC overprovisioning and 200% emergency output power, is compatible with high-current and high-power components, and offers higher power generation returns. With an IP66 protection rating, it is convenient to operate and maintain, and can be flexibly adapted to various application scenarios.

- Efficient, Higher Revenue
- Intelligent,Simple O&M
- Flexible Abundant Configuration

HUIJUE GROUP

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Technical Specification

Parameter

Model	HJ-HIH4814S(H-11)
Max. PV Input Power	16kW
Max. PV Input Voltage	600V
Start-up Voltage	100V
MPPT Voltage Range	100V ~ 550V
Number of MPP Trackers	2
Number of Strings per MPPT	2 / 1
Max. PV Input Current	40A / 20A
Max. Output Active Power	11kW
Max. Output Current	50A
Rated Voltage	230V
Rated Frequency	50Hz / 60Hz
Battery Type	Lithium, Lead-acid
Max. Charge/Discharge Current	40V ~ 60V
Max. Output Power	11kVA
Max. Output Current	50A
Rated Voltage	230V
THDv(@Rated Power)	< 3%
AFCI Protection	Lithium, Lead-acid
Surge Protection	Type II
Display	LCD
Communication	RS485 / CAN / WIFI / 4G / Bluetooth
Dimension (W x H x D)	440mm*530mm*250mm
Operating Temperature Range	-30℃ ～ +60℃
Protection Degree	IP66
Relative Humidity	0~100%
Max. Operating Altitude	4000m
Cooling Method	Smart Forced Air Cooling

Application Scenarios

Residential Solar Systems:

Ideal for homes seeking to reduce electricity bills while maintaining power supply during outages.

Commercial Buildings:

Provides reliable energy management for offices, optimizing the use of solar energy and battery storage to reduce operational costs