

# 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



## HJ-HIH4814S 10kw 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