Hybrid Grid Inverter

Model: HJ-HIH48 Power: 1.5kw-10kw

Summary

The HJ-HIH48 energy storage inverter from Highjoule meets both solar and energy storage system requirements. It supports both grid-connected and off-grid functionalities, offering bi-directional power control and intelligent management.

Hybrid Grid Inverter (HJ-HIH48)

Product Features

MPPT Technology

Dynamically adjusts to the optimal power point to maximize solar power generation, ensuring efficient energy utilization

Seamless Grid Integration

Automatically switches to solar or battery power during grid outages, ensuring uninterrupted operation

Smarter Control

Real-time monitoring and advanced battery management for enhanced performance

Visualization

Information is displayed on an LCD screen, with support for Bluetooth mobile app monitoring

Technical Parameters

Parameters

Parameter items	Specification Description			
Product number	HJ-HIH4833EW	HJ-HIH4853EW	HJ-HIH4883EW	HJ-HIH4814EW
Inverter type	Hybrid grid type (On-Off-grid type) inverter			
Inverter output power	3000W	5000W	8000W	10000W
AC voltage	(220Vac~240Vac)±5%			
battery voltage	48Vdc			
PV input voltage	150~500Vdc			
Photovoltaic input power	3000W	5000W	8000W	10000W
Way of comm unication	RS485/CAN/WIFI			
Display	LCD/LED display			
Protection level	IP65			

Application

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. Off-Grid Systems: Suitable for remote residential areas with no grid access, ensuring reliable energy production and storage.

Contact Us

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