All-In-One Single-Phase Stacked HESS

HJ-H16-H08

Product Introduction

The single-phase stacked integrated unit is a residential energy storage integrated unit that combines intelligent switching, a sleek appearance, high-efficiency power generation, and a wide voltage range. It features a modular design that allows for flexible stacked installation and supports both grid-connected and off-grid operation, enabling seamless power switching in emergency situations. With excellent power generation efficiency and adaptability, it is an ideal choice for achieving efficient energy utilisation and management.

- Intelligent switching
- Sleek and modern design
- High-efficiency power generation
- Wide voltage range

HUIJUE GROUP

HJ-H16-H08
Technical Specification

Parameter

Product model	HJ-H16-H08(k-1)
Maximum Input Power [W]	12000
Maximum Input Voltage [V]	590
Operating Voltage Range/Rated Voltage [V]	80~500/360
Maximum Input Current [A]	16/16
Maximum Short-Circuit Current [A]	20/20
Number of MPPT	2
Number of Input String per MPPT	1/1
Rated Output Power (W)	8000
Maximum Apparent Output Power (VA)	8800
Maximum Input Power (W)	8800
Rated Voltage (Vac)	230,L/N/PE
Rated Frequency (Hz)	50/60
Maximum Output Current (A)	34.8
Grid Bypass Current [A]	35
Power Factor Range	~1 (0.8 advance, 0.8 delay, adjustable)
Rated Output Power (W)	8000
Maximum Apparent Output Power (VA)	8800
Rated Output Voltage (Vac)	230,L/N/PE
Rated Voltage (Vac)	230,L/N/PE
Rated Frequency (Hz)	50/60
Rated Input Apparent Power (VA)	8000
Number of Batteries	4
Single Battery Pack Capacity (kWh)	4.096
Rated Capacity (kWh)	16.384
Available Capacity (kWh)	14.75
Operating Temperature Range (℃)	-25 to 60 (>45 derating)
Protection Rating	IP65
Dimensions (W×H×D) (mm)	425*340*1750

Application Scenarios

Suitable for residential distributed energy storage applications