

# 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



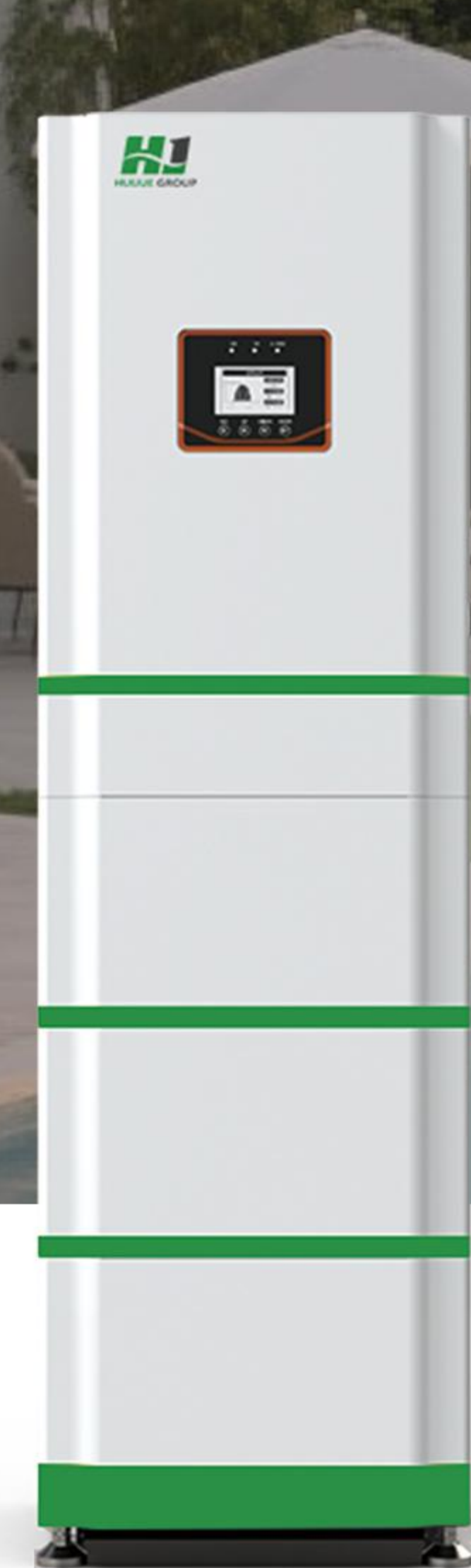
Sleek and modern design



High-efficiency  
power generation



Wide voltage range



## 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 (°C)	-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