Three-phase Stacked All-in-One Unit

HJ-H20-H10/HJ-H25-H15

Product Introduction

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

- Three-phase five-wire four-arm design
- Sleek and modern design
- High-efficiency power generation
- Wide voltage range

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Technical Specification

Parameter

Product model	HJ-H20-H10(k-2)	HJ-H25-H15-H10(k-3)
Maximum Input Power [W]	17000	25500
Maximum Input Voltage [V]	1000	
Operating Voltage Range/Rated Voltage [V]	180~900/610	
Maximum Input Current [A]	18/18	36/36
Maximum Short-Circuit Current [A]	20/20	40/40
Number of MPPT	2	
Number of Input String per MPPT	1/1	
Rated Output Power (W)	10000	15000
Maximum Apparent Output Power (VA)	11000	16500
Maximum Input Power (W)	18000	30000
Rated Voltage (Vac)	380/400V,3L/N/PE	
Rated Frequency (Hz)	50/60	
Maximum Output Current (A)	16	24
Grid Bypass Current [A]	35	50
Power Factor Range	~1 (0.8 advance, 0.8 delay, adjustable)	
Rated Output Power (W)	10000	15000
Maximum Apparent Output Power (VA)	11000	16500
Rated Output Voltage (Vac)	380/400V,3L/N/PE	
Rated Voltage (Vac)	380/400V,3L/N/PE	
Rated Frequency (Hz)	50/60	
Rated Input Apparent Power (VA)	10000	15000
Number of Batteries	4	5
Single Battery Pack Capacity (kWh)	5.12	
Rated Capacity (kWh)	20.48	25.6
Available Capacity (kWh)	18.43	23.04
Operating Temperature Range (℃)	-25 to 60 (>45 reduction)	
Protection Rating	IP65	23.04
Dimensions (W×H×D) (mm)	510*447*1323	510*447*1463

Application Scenarios

Suitable for residential distributed energy storage applications