Industrial & commercial energy storage system

HJ-G20-100F 20KW/100KWh
HJ-G50-100F 50KW/100KWh

Product Introduction

Huijue Group's commercial and industrial energy storage system adopts an integrated design concept, integrating the battery, battery management system BMS, energy management system EMS, modular inverter PCS, and fire protection system in a single cabinet. The modular design is very flexible and can be applied to various scenarios and applications.

Product Features

- Fast power response
- Local collection
- One-piece design
- Standardized interface
- Intelligent installation

Parameter

Model	HJ-G20-100F	HJ-G50-100F
Cell Type	LFP 3.2V/280Ah	LFP 3.2V/280Ah
Energy Rating	100kWh	100kWh
Combined Configurations	1P112S	1P112S
Voltage Range	280~408V	280~408V
Number Of Cycles	>8000@70%EOL,25°C	>8000@70%EOL,25°C
Depth of Discharge	80% DOD	80% DOD
Communication Interface	RS485, CAN, Ethernet	RS485, CAN, Ethernet
Photovoltaic input parameters		
Max. Input Power	30kW	75kW
Max. Input Voltage	1000V	1000V
MPPT Voltage Range	180V-900V	180V~900V/630V
Starting Voltage	120V	180V
Max. Input Current	28A/28A	36A/36A/36A/36A
Max. short-circuit current	32A/32A	42A/42A/42A/42A
Number of MPPTs	2	4
Grid-connected output parameters		
Rated output power	20kW	50kW
Rated grid voltage	380/400V,3L/N/PE	380/400V,3L/N/PE
Rated current	31A	75A
Power factor	~1(0.8 ahead~0.8 lag can be set)	
Rated grid Freq.	50/60Hz	
System parameter		
Dimensions (H * D * W)	2160mm*1060mm*980mm	2280mm*1185mm*1120mm
Ingress Protection Grade	IP54	IP54
Cooling method	Intelligent forced air cooling	
Operating humidity range	5%~95% (non-condensing)	
Communication Protocol	RS485/Ethernet (Modbus RTU, CAN20, Modbus TCP)	

Application Scenarios:

More suitable for small villa areas and small commercial and industrial scenes