All-In-One Single-Phase Stacked HESS

HJ-H05-O05/HJ-H10-O05

Product Introduction

The standing all-in-one machine is a high-performance device with a capacity of 5.12 kWh + 5 kW, integrating multiple functions, suitable for various commercial and office environments.

- Long service life and high safety
- Integrated design
- High-performance configuration
- Flexible layout

HUIJUE GROUP

HJ-H05-O05/HJ-H10-O05

Technical Specification

Parameter

Product model	HJ-H05-O05(B-19)	HJ-H10-O05(B-20)
Cell	LiFeCoPO4 3.2V/100Ah	
Array mode	16S1P	16S2P
Rated capacity	51.2V100Ah	51.2V200Ah
Capacity	5.12kWh	10.24kWh
Operating voltage	40-58.4V	
Standard charging current	100A	
Communication port	RS485/CAN/232	
PV input power	5500W	
Number of MPPTs	1	
AC input voltage rating	220V/230V/240VAC (L+N+PE)	
AC input voltage range	90~280VAC±3V(APL);170~280VAC±3V(UPS);	
AC input frequency	50HZ/60HZ (Adaptive)	
Rated output power	5000W	
Rated output voltage	220V/230V/240VAC (L+N+PE)	
Peak power	10000VA	
Overload capacity	Battery Mode: 21s@105%~150% load 11s@150%~200% load 400ms@>200% load	
Maximum efficiency	>98%	8800
Net weight	58Kg	100Kg
Package weight	85Kg	130Kg
Net size(H*W*D)	850*480*160(mm)	1100*540*160 (mm)
Cooling method	Forced air cooling	Forced air cooling
Operating environment	Charge:0℃~55℃/ Discharge: - 20℃~60℃/ Storage:-10℃~45℃	
Running humidity	5~95%, Relative humidity	
Installation type	Wall-mounted	
Communication mode	RS485/WIFI/4G	
Certification	IEC62619、UN38.3、MSDS	

Application Scenarios

With its high efficiency, flexibility, and safety, the stand-alone integrated system provides an ideal energy management solution for households and small commercial users, helping them achieve a green and low-carbon lifestyle.