All-In-One Single-Phase Stacked HESS

HJ-H05-H05(K-7)
HJ-H10-H05(K-8)
HJ-H15-H05(K-9)

Product Introduction

TheAll-In-One Single-Phase Stacked HESS is a high-performance product. It comes in a variety of models to suit different application scenarios and regional needs, effectively helping users reduce electricity costs, solve power supply issues in areas with unstable electricity, and assist users in achieving energy independence, providing efficient, convenient, and economical energy solutions for many users.

Battery protection | Built-in electric power service | Excellent performance | Intelligent Energy Management

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Technical Specification

Parameter

Product model	HJ-H05-H05(K-7)	HJ-H10-H05(K-8)	HJ-H15-H05(K-9)
Battery	UN38.3,IEC62619		
Total Energy [kWh]	5.3	10.6	15.9
Battery Module	102.4V 5.3kWh		
Number of Modules	1	2	3
Cell Type	LFP(LiFePO4)		
Nominal Voltage [V]	102.4	204.8	307.2
Operating Voltage [V]	80-116.8	160-233.6	240-350.4
Max Charge/ Discharge Current [A]	52		
Continue Discharge Output [kW]	5	10	15
GENERAL SPECIFICATIONS			
Dimensions (W*D*H)[mm]	740*220*970	740*220*1305	740*220*1640
Approximate Weight [KG]	86	136	186
IP Rating of Enclosure	IP65		
Operating Temperature	Charge:0℃~50℃/ Discharge:0℃~50℃		
Storage Temperature	0℃~35℃		
Humidity	≤95%		
Altitude [m]	≤3000		
Cycle Life	Inverter:5 years/10 years; Battery:10+ years,6000 cycles(90% DOD,25℃)		
Installation	Stack, Floor-Mounted		
CERTIFICATION			
Grid Regulation Safety	"VDE-AR-N4105:2018,G98,G99, C10/11:2021,NTS 631,RD647:2020	CEI0-21,NRS 097,IEC 61727IEC 62116,EREC G99	
Safety Regulation	IEC/EN 62109-1&2,IEC/EN 62477-1:2012		
EMC	IEC/EN 61000-6-1,IEC/EN 61000-6-2,IEC/EN 61000-6-3,IEC/EN 61000-6-4		
Max. PV Input Power [kW]	10		
Max. PV Input Voltage [V]	580		
MPPT Range[V]	100-550		
Start-up Voltage [V]	100		
Max. Input Current[A]	15/15		

Application Scenarios

The choice of most families is to convert the clean energy collected on a daily basis into household electricity expenditure.