

Stackable Battery

IonStack Series-ST

IS5-55-ST



Plug&Play
Installation, Less
Wiring



Top-Notch LFP Class A
Cell/Strict Capacity
Grading



IP20-Certified,
Suitable for More
Indoor Applications

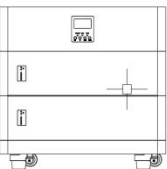
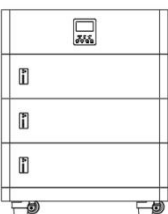
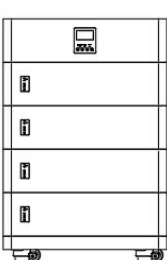
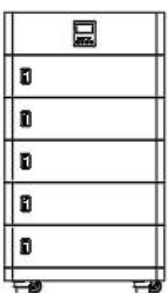


Modular Design, 5 -
25 kWh Flexible
Configuration



Precise Voltage
/Temperature/SOC
Detection

DATASHEET

Model	IS5-55-1-ST	IS5-55-2-ST	IS5-55-3-ST	IS5-55-4-ST	IS5-55-5-ST
Product Pattern					
Battery Module Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Inverter Module Quantity	1				
Operating Voltage (Input)	90-140Vac±3V				
Operating Voltage (Output)	110/120Vac±5%				
Nominal Capacity	5.5KW				
Max. Continuous Discharge Power	5.5KW				
MAX PV Input Power	8.5KW				
Maximum PV Input Voltage	500Vdc				
Maximum PV Input Current	27A				
Best PV Voltage	360~430Vdc				
Inverter Module Dimensions [W/D/H] (mm)	500*600*160mm				
Inverter Module Weight [kg]	20kg				
Battery Module Quantity	1	2	3	4	5
Nominal Energy	5KWh	10Wh	15KWh	20KWh	25KWh
Usable Energy	5KWh	10Wh	15KWh	20KWh	25KWh
Dimensions [W/D/H] (mm)	500*600*425mm	500*600*585mm	500*600*745mm	500*600*905mm	500*600*1065mm
Weight [kg]	88kg	143kg	198kg	253kg	308kg
Battery Module Dimensions [W/D/H] (mm)	500*600*160mm				
Battery Module Weight [kg]	55kg				
Operating Voltage	43.2-58.4V				
Recommended Depth of Discharge (DOD)	90%				
Charging Temperature Range	0-60℃				
Discharging Temperature Range	0-65℃				
Communication	RS485/CAN				
Cycle life	2500 circulate				
Protection Level	IP20				
Battery Expansion	16				
Battery Module Name	Vertical stacked battery				
Certification	MSDS/UN38.3				
Compatible Inverters	SUNSYNK/PYLON/GROWAT/DEYE/GOODWE/SOFAR/MEGAREVO				

This material is for reference only and does not constitute any commitment regarding product performance or specifications. Product design and specifications may be changed at any time. The Company assumes no liability for any losses arising from the use of this material or the products