

Stackable Battery

IonStack Series-SL

IS5-55-SL



Plug&Play
Installation, Less
Wiring



Top-Notch LFP Class A
Cell/Strict Capacity
Grading



IP20-Certified,
Suitable for More
Indoor Applications



Modular Design, 5 -
15 kWh Flexible
Configuration



Precise Voltage
/Temperature/SOC
Detection

DATASHEET

Model	IS5-55-1-SL	IS5-55-2-SL	IS5-55-3-SL
Product Pattern			
Battery Module Type	LiFePO4	LiFePO4	LiFePO4
Inverter Module Quantity	1		
Operating Voltage (Input)	90-140Vac $\pm$ 3V		
Operating Voltage (Output)	110/120Vac $\pm$ 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)	590*155*400mm		
Inverter Module Weight [kg]	19kg		
Battery Module Quantity	1	2	3
Nominal Energy	5KWh	10Wh	15KWh
Usable Energy	5KWh	10Wh	15KWh
Dimensions [W/D/H] (mm)	590*155*860mm	590*155*1260mm	590*155*1660mm
Weight [kg]	80kg	135kg	190kg
Battery Module Dimensions [W/D/H] (mm)	590*155*400mm		
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		
Expansion	6		
Certification	MSDS/UN38.3		
Compatible Inverters	SUNSYN/PYLON/GROWAT/DEYE/GOODWE/SOFAR/MEGAREVO		

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