



Safe & Reliable

LFP Cell
4-layer Safety Protection



Scalable

5kWh Modular Design,
Scalable from 5 to 30kWh



Fast Commissioning

Automatically Detected in App



More Usable Energy

100% Depth of Discharge Pack
Level Energy Optimization



Easy Installation




12 kg Power Module 50 kg
BatteryModule



Perfect Compatibility

Compatible to Both Residential
Single & Three Phase Inverter

Technical Specification

Technical Specification	IS-BATT-5000-50 5 kWh	IS-BATT-10000-50 10 kWh	IS-BATT-15000-50 15 kWh
			

Performance

Power module	IS-BATT-5000-BMS		
Number of power modules	1		
Battery module	IS-BATT-5000-ES		
Battery module energy	5 kWh		
Number of battery Modules	1	2	3
Battery usable energy ¹	5 kWh	10 kWh	15 kWh
Max. output power	2.5 kW	5 kW	5 kW
Max. charge/discharge current	7.5A	15A	15A
Peak output power	3.5 kW, 10s	7 kW, 10s	7 kW, 10s
Nominal voltage (single phase system)	450 V		
Operating voltage range (single phase system)	350 – 560 V		
Nominal voltage (three phase system)	600 V		
Operating voltage range (three phase system)	600 – 980 V		

Communication

Display	SOC status indicator, LED indicator
Communication	RS485 / CAN (only for parallel operation)

General Specification

Dimension (W*D*H)	670 * 150 * 600 mm (26.4 * 5.9 * 23.6 inch)	670 * 150 * 960 mm (26.4 * 5.9 * 37.8 inch)	670 * 150 * 1320 mm (26.4 * 5.9 * 60.0 inch)
Weight (Floor stand toolkit included)	63.8 kg (140.7lb)	113.8 kg (250.9lb)	163.8 kg (361.1lb)
Power module dimension (W*D*H)	670 * 150 * 240 mm (26.4 * 5.9 * 9.4 inch)		
Power module weight	12 kg (26.5lb)		
Battery module dimension (W*D*H)	670 * 150 * 360 mm (26.4 * 5.9 * 14.0 inch)		
Battery module weight	50 kg (110.2 lb) ²		
Installation	Floor stand (standard), Wall mount (optional)		
Operating temperature	-20C ~ + 55C (-4F ~ 131F) ³		
Max. operating altitude	4,000 m (13,123 ft.) (Derating above 2,000 m)		
Environment	Outdoor ⁴ (*Please refer to the user manual for installation condition)		
Relative humidity	5%~95%		
Cooling	Natural convection		
Protection rating	IP 66		
Noise emission	<29 dB		
Cell technology	Lithium-iron phosphate (LiFePO4)		
Scalability	Max. 2 systems in parallel operation		
Compatible inverters	IS-HYB-5000-6000-1PH, IS-HYB-5000-6000-3PH		
Country of manufacture	China		

Standard Compliance (more available upon request)

Certificates	RCM, CEC, IEC62619, IEC62040, UN38.3
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Ordering and Deliverable Part

Product ordering model ⁵	IS-BATT-5000-BMS, IS-BATT-5000-ES, Wall Mounting Bracket
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1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25C, at the beginning of life. If no PV modules are installed or the system has not detected sunlight for at least 24 hours, the minimum end of discharge SOC is 15%.

2. The weight of the battery module is subject to the actual product, with a tolerance of ±3%

3. Refer to battery warranty letter for conditional application.

4. Improper storage system installation may compromise product warranty and operation safety. Please follow the user manual during the installation, use, and maintenance of the storage system.

5. Storage system is ordered and delivered in the form of power module and battery module separately with corresponding quantity.