

**Safe & Reliable**

LFP Cell  
4-layer Safety Protection

**Scalable**

5kWh Modular Design,  
Scalable from 5 to 30kWh

**Fast Commissioning**

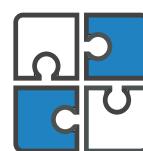
Automatically Detected in App

**More Usable Energy**

100% Depth of Discharge Pack  
Level Energy Optimization

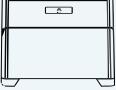
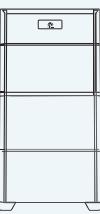
**Easy Installation**

12 kg Power Module 50 kg  
BatteryModule

**Perfect Compatibility**

Compatible to Both Residential  
Single & Three PhaseInverter

# Technical Specification

	5 kWh	10 kWh	15 kWh
Technical Specification			

## 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 <sup>1</sup>	5 kWh	10 kWh	15 kWh
Max. output power	2.5 kW	5 kW	5 kW
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 voltagerange (three phase system)		600 – 980V	

## Communication

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

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## 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) <sup>2</sup>	
Installation	Floor stand (standard), Wall mount (optional)		
Operating temperature	-20C ~ + 55C (-4F ~ 131F) <sup>3</sup>		
Max. operating altitude	4,000 m (13,123ft.) (Derating above 2,000 m)		
Environment	Outdoor <sup>4</sup> (*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		

## Standard Compliance (more available upon request)

Certificates	CE, RCM, CEC, VDE2510-50, IEC62619, IEC 60730, UN38.3
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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.

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