



15-Year Industry Leading Warranty
Backed by 100% Australian owned & operated company



Flexible, Scalable Capacity

- 6.9kWh per module
- Expandable from 6.9kWh to 20.7kWh per stack
- Up to 82.8kWh per inverter (4 stacks)



Maximum Usable Energy

- Advanced module architecture with built-in energy optimisation
- Extended service life
- Up to 100% depth of discharge



Advanced 5-Layer Safety Protection

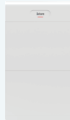
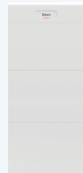
- Cell, electrical and structural protection
- Active monitoring and emergency protection



Fast, Installer-Friendly Design

- Cable-free module connections
- Integrated horizontal alignment system
- Rapid commissioning

Technical Specification

Model	IS-BATT-7000-S1		IS-BATT-14000-S1	IS-BATT-21000-S1
Technical Specification				
	Performance			
	Power module	IS-BATT-7000-BMS		
	Number of power modules	1		
Battery module	IS-BATT-7000-ES			
Nominal/Usable battery capacity	6.9kWh / 6.9kWh			
Number of battery modules	1	2	3	
Battery nominal/usable capacity ¹	6.9 kWh	13.8 kWh	20.7 kWh	
Rated/Max. charge power	3.5 kW	7 kW	10.5 kW	
Rated/Max. output power (discharge)	3.5 kW	7 kW	10.5 kW	
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			
Maximum short circuit current	1660A			
Short circuit duration	0.246ms			
Communication				
Display	SOC status indicator, LED indicator			
Communication	RS485 / CAN			
General Specification				
Dimension (W*D*H)	590 mm x 255 mm x 510 mm	590 mm x 255 mm x 870 mm	590 mm x 255 mm x 1230 mm	
Weight (Floor stand toolkit included)	80 kg	148 kg	216 kg	
Power module dimension (W*D*H)	590 mm x 255 mm x 360 mm			
Power module weight	10 kg			
Battery module dimension (W*D*H)	590 mm x 255 mm x 360 mm			
Battery module weight ³	68 kg			
Installation	Floor stand (standard), Wall mount (optional)			
Operating temperature ⁴	-20C ~ + 55C (-4F ~131F) ³			
Max. operating altitude ⁵	4,000 m (13,123 ft.) (Derating above 2,000 m)			
Environment ⁶	Outdoor			
Relative humidity	5%~95%			
Cooling	Natural convection			
Protection rating	IP 66			
Noise emission ⁷	<29 dB			
Cell technology	Lithium-iron phosphate (LiFePO ₄)			
Scalability ⁸	Max. 4 systems in parallel operation			
Country of manufacture	China			
	Standard Compliance (more available upon request)			
Certificates	CEC, RCM, VDE2510-50, IEC62619, IEC62040, UN38.3, ISO13849, REACH, RoHS			
Compatible Inverters				
Inverter Models	IS-HYB-5000-1PH, IS-HYB-5000HC-1PH, IS-HYB-6000-1PH, IS-HYB-10000-1PH, IS-HYB-5000-3PH, IS-HYB-6000-3PH, IS-HYB-10000-3PH, IS-HYB-15000-3PH, IS-HYB-25000-3PH			

1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C, at the beginning of service life.

2. CAN is for communication between energy storage in parallel scenarios only.

3. The weight of the battery modules varies with products, with a tolerance of ±3%.

4. The output power may be affected by temperature. Please refer to the output derating curve for details.

5. The output power may be affected by altitude. Please refer to the output derating curve for details.

6. Outdoor installation is recommended. For indoor installation instructions, please refer to the user manual.

7. The testing condition is 1m distance and typical working voltage.

8. IS-HYB-5000/6000-1PH supports 1 stack. IS-HYB-5000/6000-3PH, IS-HYB-10000-1PH, IS-HYB-5000HC-1PH - supports 2 stacks. IS-HYB-10000/15000/25000-3PH supports 4 stacks in parallel operation with DTSU666-HW meter.