

SolarEdge Energy Bank 10kWh Battery

For Australia

BAT-10K



HOME
BACKUP

Optimised for SolarEdge Energy Hub Inverters

- Maximized system performance, gaining more energy to store and use for on-grid and backup power applications
- Integrates with the complete SolarEdge residential offering, providing a single point of contact for warranty, support, training, and simplified logistics & operations
- DC coupled battery featuring superior overall system efficiency
- Scalable solution for increased power and capacity with multiple SolarEdge inverters and batteries
- Solar, storage, EV charging, and smart devices all monitored and managed by a single app to optimize solar production, consumption and backup power
- Wireless communication to the inverter, reducing wiring, labor and installation faults
- Simple plug and play installation, with automatic SetApp-based configuration
- Includes multiple safety features for battery protection at all times

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BAT-10K1PS0B-01

OUTPUT

Usable Energy (100% depth of discharge)	9700	Wh
Continuous Output Power	5000	W
Peak Output Power in Backup (for 10 seconds)	7500	W
Peak Roundtrip Efficiency	>94.5	%
Warranty ⁽¹⁾	10	years
Voltage Range	350-450	Vdc

ADDITIONAL FEATURES

Compatible Inverters ⁽²⁾	Genesis Single Phase Inverter, Energy Hub Single Phase Inverter, Three Phase Hybrid Inverter
Batteries Per Inverter	Up to 3 ⁽³⁾
Communication Interfaces	Wireless*

STANDARD COMPLIANCE

Certification	Cell	IEC 62619, UL1642
	Battery	IEC 62619, UN38.3, UL1973, UL9540
Emissions		IEC61000-6-1, IEC61000-6-2, IEC61000-6-3

INSTALLATION SPECIFICATIONS

Dimensions (W x H x D)	790 x 1179 x 250	mm
Weight	108	kg
Mounting	Wall mount ⁽⁴⁾ or floor stand mount ⁽⁵⁾	
Operating Temperature	-10 to +50	°C
Storage Temperature (more than 3 months)	-10 to +30	°C
Storage Temperature (less than 3 months)	-30 to +60	°C
Enclosure Protection	IP55 - indoor and outdoor	
Maximum Altitude	2000	m
Cooling	Natural convection	
Noise at 1m Distance	<25	dBA

* The SolarEdge Energy Bank battery is designed for use with wireless communication. Using RS485 could reduce the usable energy to 9500Wh

(1) For warranty details please refer to SolarEdge Limited SolarEdge Home Battery Warranty

(2) Pending supporting inverter FW

(3) Installations with multiple SolarEdge Energy Bank batteries require a pair of branch connectors (DC + and DC -) per battery excluding the last battery. The branch connectors should be purchased separately

(4) Wall mount installation requires handles that should be purchased separately. Please refer to Accessories' PN table below

(5) The floor stand is purchased separately. One floor stand is required per SolarEdge Energy Bank battery. Please refer to the Accessories' PN table below

SolarEdge Energy Bank Battery – Accessories (purchased separately)

Accessory	PN
Floor stand	IAC-RBAT-FLRSTD-01
Handles	IAC-RBAT-HANDLE-01
Branch connector (required for installation with multiple SolarEdge Energy Bank batteries)	IAC-RBAT-RWYCLB-01

** The specifications included in this document are preliminary and subject to change

