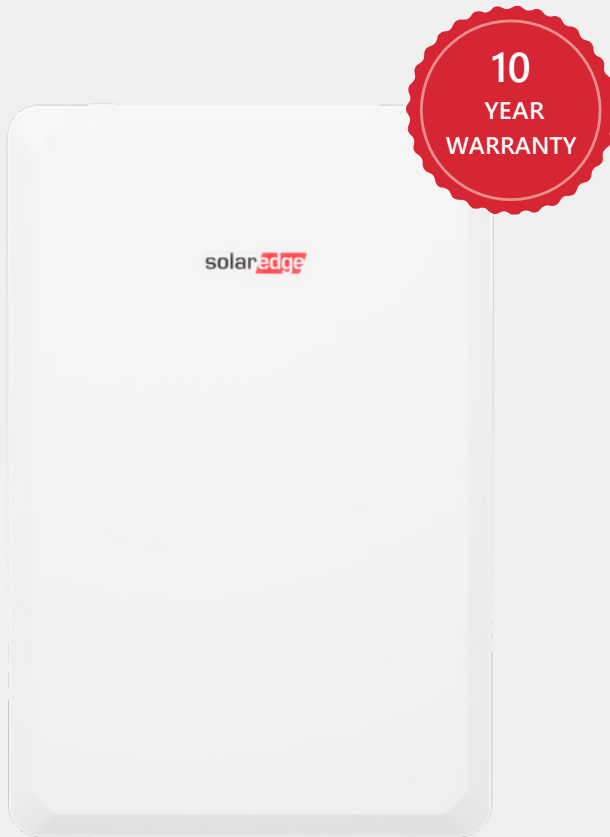


SolarEdge Energy Bank 10kWh Battery For Australia

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

* Backup applications are subject to local regulation and may require additional components and firmware upgrade

SolarEdge Energy Bank

10kWh Battery

For Australia

BAT-10K1P⁽¹⁾

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 ⁽²⁾	10	years
Voltage Range	350-450	Vdc

ADDITIONAL FEATURES

Compatible Inverters ⁽³⁾	SolarEdge Genesis Single Phase Inverter, SolarEdge Energy Hub Single Phase Inverter,	
Batteries Per Inverter	Up to 3 ⁽⁴⁾	
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	121	kg
Mounting	Floor ⁽⁵⁾ or wall mount ⁽⁶⁾	
Operating Temperature ⁽⁷⁾	-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 is designed for use with SolarEdge Energy Net for wireless communication. The inverter might require a matching SolarEdge Energy Net Plug-in (more details below). Using RS485 could reduce the usable energy to 9500Wh.

(1) These specifications apply to part number BAT-10K1PS0B-01

(2) For warranty details please refer to SolarEdge Limited SolarEdge Energy Bank Warranty.

(3) Pending supporting inverter firmware.

(4) 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.

(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.

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

(7) Please note that operating the SolarEdge Energy Bank at extreme temperatures for extended durations of time may void the Energy Bank's warranty coverage. Please see the Energy Bank Limited Product Warranty for additional details.

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-RWYCBL-01
SolarEdge Energy Net Plug-in	Hyper link to SolarEdge Energy Net Plug-in Data Sheet

SolarEdge Energy Bank

10kWh Battery

For Australia

SolarEdge Energy Net Plug-ins

Inverter Model	Matching SolarEdge Energy Net Plug-in PN
SolarEdge Energy Net-ready inverter with the following part number format: SE...-...BExx SE...-...BZxx SE...-...BXxx SE...-...BLxx For example: SE7K-AUBTEBEU4 SetApp-enabled inverter Note: Plugs into the cellular socket Cellular plug-in or ZigBee plug-in cannot be installed in parallel	ENET-xBNP-01
SetApp-enabled LCD inverter **	ENET-xBCL-01
	ENET-xBRP-01

** A SolarEdge Energy Net ready Communication Board with LCD is needed.

