

# SolarEdge Home Battery

## For Australia

BAT-10K1PS0B-x2

BATTERIES



### Optimised for SolarEdge Home Hub and SolarEdge Home Genesis Inverters

- DC coupled battery featuring outstanding overall system efficiency, generating more energy to store and use for on-grid and backup power applications
- Integrates seamlessly with the complete SolarEdge Home ecosystem using SolarEdge Home Network, offering a single source for warranty, support, and training, to streamline logistics & operations
- Scalable solution for increased power and capacity with multiple SolarEdge inverters and batteries
- Includes multiple safety features for battery protection
- Qualified by the latest and most stringent UL fire safety standard
- Solar, storage, EV charging, and smart devices all monitored and managed by a single app to an optimised production, consumption, and backup\* power
- Simple plug and play installation, with automatic SetApp-based configuration
- Flexible installation - wall or floor mount, all indoor or outdoor
- Wireless communication to the inverter, reducing wiring, labour, and installation

\* Backup application requires SolarEdge Home Hub inverter and SolarEdge Home Backup Interface

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#### 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 <sup>(1)</sup>	10	Years
Voltage Range	350 – 450	Vdc
Isc	1	kA

#### ADDITIONAL FEATURES

Compatible Inverters	SolarEdge Home Genesis Inverters; SolarEdge Home Hub Inverters	
Batteries Per Inverter	Up to 3 <sup>(2)</sup>	
Communication Interfaces	Wireless and RS485 <sup>(3)</sup>	

#### STANDARD COMPLIANCE

Certification	Cell	IEC62619, UL1642	
	Battery	IEC61010-1, IEC62619, UN38.3, UL1973, UL9540, UL9540A	
Emissions		IEC61000-6-1, IEC61000-6-3	

#### INSTALLATION SPECIFICATIONS

Dimensions (W x H x D)	790 x 1179 x 250	mm
Weight	119	kg
Mounting	Floor <sup>(4)</sup> or wall mount <sup>(5)</sup>	
Operating Temperature <sup>(6)</sup>	-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

(1) For warranty details, see the [SolarEdge Home Battery Limited Warranty](#).

(2) Installations with multiple SolarEdge Home Batteries require a pair of branch connectors (DC + and DC -) per battery excluding the last battery. The branch connectors should be purchased separately.

(3) The SolarEdge Home Battery is designed for use with SolarEdge Home Network for wireless communication. The inverter might require a matching SolarEdge Home Network Plug-in (more details [here](#)). Using RS485 could reduce the usable energy to 9500Wh.

(4) The floor stand is purchased separately. One floor stand is required per SolarEdge Home Battery. See the Accessory P/N table below.

(5) Wall mount installation requires handles that should be purchased separately. See the Accessory P/N table below.

(6) Please note that operating the SolarEdge Home Battery at extreme temperatures for extended durations of time may void the SolarEdge Home Battery's warranty coverage. See the [SolarEdge Home Battery Limited Warranty](#).

#### SolarEdge Home Battery – Accessories (purchased separately)

Accessory	P/N
Floor stand	IAC-RBAT-FLRSTD-01
Reusable lifting handles	IAC-RBAT-HANDLE-01
Branch connector set (includes 10 pairs of DC + and DC - connectors)	IAC-RBAT-RWYCBL-01
Required for installations with multiple SolarEdge Home Battery batteries with a single inverter	<a href="#">SolarEdge Home Network plug-in datasheet</a>