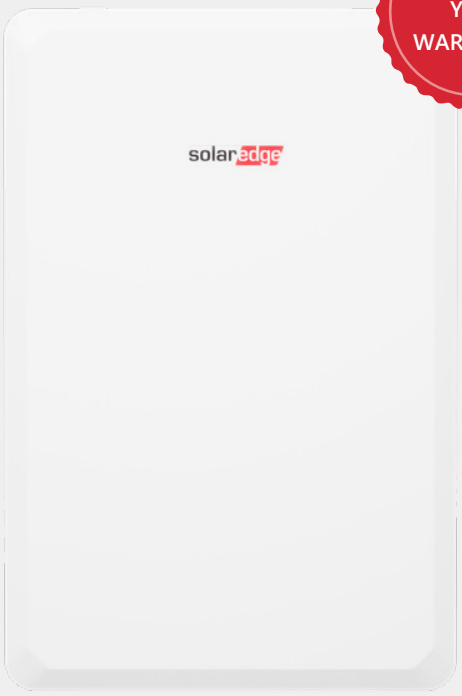
SolarEdge Energy Bank 10kWh Battery

For Australia

HOME BACKUP

10 YEAR WARRANTY



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

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

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		BAT-10K1P(1)	
OUTPUT			
Total Energy		9800	Wh
Usable Energy (100% depth of discharge)		9700	Wh
Max Continuous Power (Charge and Discharge)		5000	W
Peak Output Power in Backup (for 10 seconds)		7500	W
Peak Roundtrip Efficiency		>94.5	%
Max Continuous Current (Charge / Discharge)		14.3	A
Max Short Circuit Current / Duration		1000 / 10	A/ms
Warranty(2)		10	years
Voltage Range (Min-Nom-Max)		350-400-450	Vdc
ADDITIONAL FEATURES			
Compatible Inverters(3)		SolarEdge Genesis Single Phase Inverter, SolarEdge Energy Hub Single Phase Inverter, SolarEdge Three Phase Hybrid 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		Wall mount(5) or floor stand mount(6)	
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 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 Home Battery Warranty.

(3) Pending supporting inverter FW.

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

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

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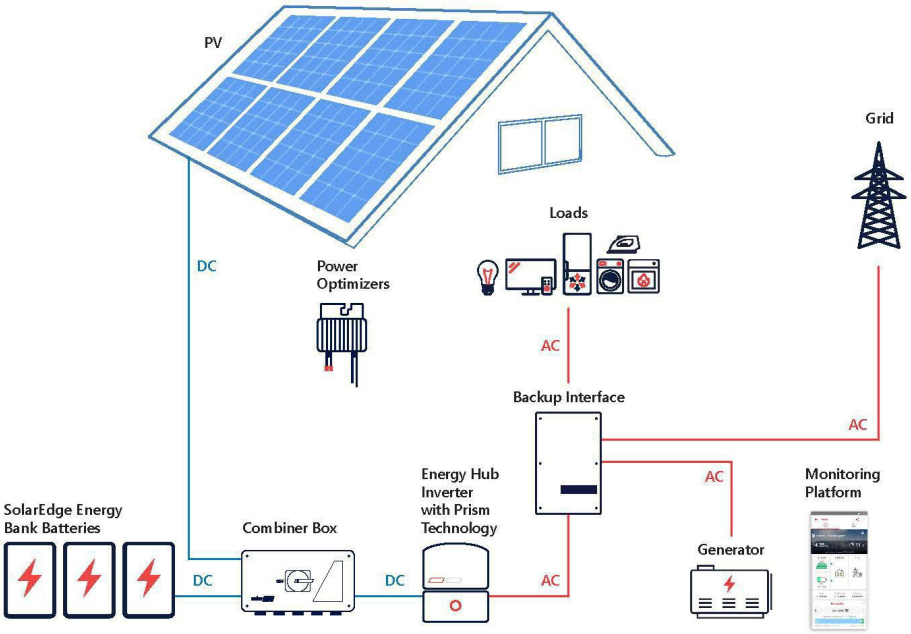
SolarEdge Energy Net Plug-ins	
Inverter Model	**Matching SolarEdge Energy Net Plug-in PN**
SolarEdge Energy Net-ready inverter with the following part number format: SE...-...BExx SE...-...BZxx SE...-...BXxx SE...-...BLxx For example: SE7K-AUBTEBEU4	ENET-xBNP-01
SetApp-enabled inverter Note: Plugs into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

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



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