SolarEdge Energy Bank 10kWh Battery

For Australia

BAT-10K



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	year
Voltage Range		350-450	Vdc
ADDITIONAL F	EATURES		
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 CO	MPLIANCE		i
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	Rank battony is designed for use with wireless	communication. Using RS485 could reduce the usable energy to 9500Wb	1

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

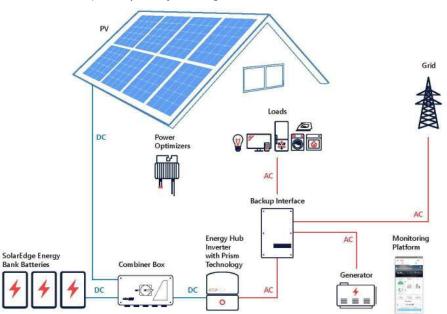
(2) Pending supporting inverter FW

(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-RWYCBL-01			

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



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