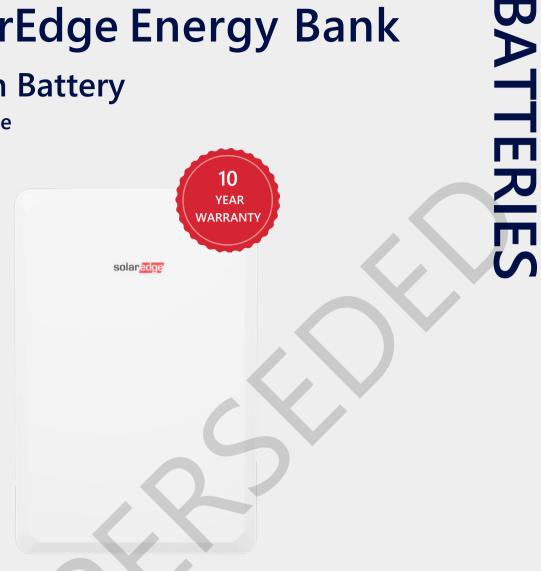
SolarEdge Energy Bank

10kWh Battery

For Europe



Optimized for SolarEdge HD-Wave and StorEdge Inverter technology

- 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 application requires inverter with backup capability

/ SolarEdge Energy Bank

10kWh Battery

For Europe

		BAT-10K1PSOB-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		SolarEdge Single Phase HD-Wave Inverter ⁽²⁾ , StorEdge Single Phase Inverter with HD-Wave Technology	
Battery per Inverter		Up to 3 ⁽³⁾	
Communication Interfaces		Wireless and RS485 ⁽⁴⁾	
STANDARD COMPLIANCE			
Certification	Cell	IEC 62619	
	Battery	IEC 62619, UN38.3	
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

- (1) For warranty details, see the SolarEdge Energy Bank Limited Warranty.
- (2) Requires supporting inverter firmware.
- (3) Requires supporting inverter firmware. Installations with multiple SolarEdge Energy Bank batteries require a pair of branch connectors (purchased separately) per battery excluding the last battery.
- (4) The SolarEdge Energy Bank battery is designed for use with SolarEdge Home Network for wireless communication. The inverter might require a matching SolarEdge Home Network Plug-in. Using RS485 could reduce the usable energy to 9500Wh.
- (5) The floor stand is purchased separately. One floor stand is required per SolarEdge Energy Bank battery. See the Accessories' PN table below.
- (6) Wall mount installation requires handles that should be purchased separately. See the Accessories' PN table below.
- (7) Note that operating the SolarEdge Energy Bank battery at extreme temperatures for extended durations of time may void the SolarEdge Energy Bank warranty coverage. See the SolarEdge Energy Bank Limited Product Warranty for additional details.

SolarEdge Energy Bank – Accessories (purchased separately)				
Accessory	PN			
_ Floor stand	IAC-RBAT-FLRSTD-01			
Reusable lifting handles	IAC-RBAT-HANDLE-01			
Branch connector set (includes 10 pairs of DC + and DC - connectors) Required for installations with multiple SolarEdge Energy Bank batteries with a single inverter	IAC-RBAT-RWYCBL-01			
SolarEdge Home Network Plug-in	See the SolarEdge Home Network Plug-In datasheet.			