SolarEdge Energy Bank 10kWh Battery

For Europe

StorEdge®

Optimized for SolarEdge StorEdge with HD-Wave technology inverters(1)

- 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 application are subject to local regulation and may require additional components and firmware upgrade

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		BAT-10K1P[2]	
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[3]		10	years
Voltage Range		350-450	Vdc
ADDITIONAL FEATURES			
Compatible Inverters		StorEdge Single Phase Inverter with HD-Wave Technology, Single Phase Inverter with HD-Wave Technology[4]	
Battery per Inverter		Up to 3[5]	
Communication Interfaces		Wireless*	
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[6] or wall mount[7]	
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) Please refer to the SolarEdge Energy Bank battery connections and configuration application note for compatible inverters.

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

(3) For warranty details please refer to the SolarEdge Energy Bank battery Limited Warranty.

(4) Requires supporting inverter firmware.

(5) Requires supporting inverter firmware. Installations with multiple SolarEdge Energy Bank batteries require a pair of branch connectors (DC + and DC -) per battery excluding the last battery.

(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.

(7) Wall mount installation requires handles that should be purchased separately. 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 connectors set (includes a pair of DC + and DC - connectors) Required for installations with multiple SolarEdge Energy Bank batteries with a single inverter	IAC-RBAT-RWYCBL-01
SolarEdge Energy Net Plug-in	See SolarEdge Energy Net Plug-in PNs below

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	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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