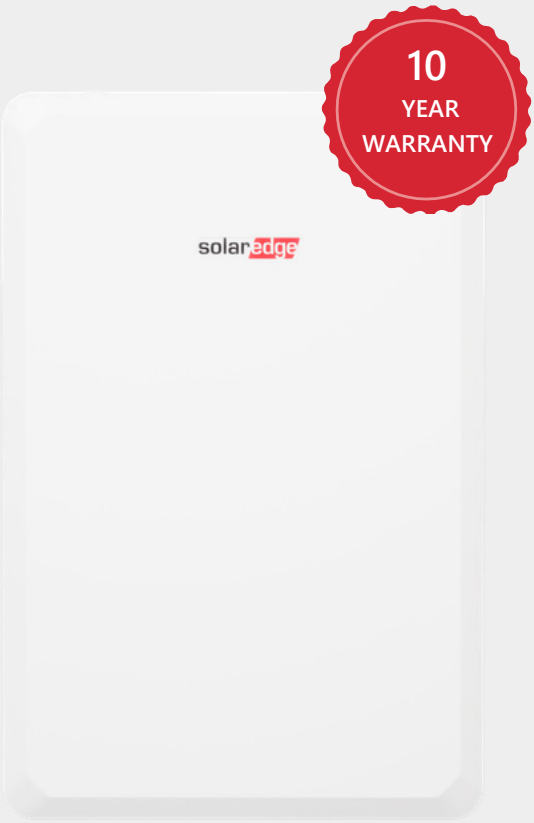
SolarEdge Home Battery 400V

For Europe

BAT-10K1P

BATTERIES



Optimized for SolarEdge Home Wave Inverter and StorEdge Inverter technology

- 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
- Enhanced safety with Rapid Shutdown, SafeDC™
- 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 optimized 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, labor, and installation

* Backup application requires inverter with backup capability

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		BAT-10K1PS0B-x2	
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
ADDITONAL FEATURES			
Compatible Inverters		SolarEdge Home Wave Inverter, StorEdge Single Phase Inverter with HD-Wave Technology	
Battery per Inverter		Up to 3(2)	
Communication Interfaces		Wireless and RS485(3)	
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		119	kg
Mounting		Floor(4) or wall mount(5)	
Operating Temperature(6)		-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 Battery 400V batteries require a pair of branch connectors (purchased separately) per battery excluding the last battery.

(3) The SolarEdge Home Battery 400V 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.

(4) The floor stand is purchased separately. One floor stand is required per SolarEdge Home Battery 400V. See the Accessories' PN table below.

(5) Wall mount installation requires handles that should be purchased separately. See the Accessories' PN table below.

(6) Note that operating the SolarEdge Home Battery 400V at extreme temperatures for extended durations of time may void the SolarEdge Home Battery warranty coverage. See the SolarEdge Home Battery Limited Product Warranty for additional details.

SolarEdge Home Battery – 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 Home Battery 400V batteries with a single inverter	IAC-RBAT-RWYCBL-01
SolarEdge Home Network Plug-in	See the SolarEdge Home Network Plug-In datasheet.

CE RoHS

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