

Homevolt

A Revolutionary Consumer Battery

Homevolt is the complete package: a high-quality consumer battery with an integrated inverter from Polarium, with all the brains from connected software that follows the market electricity prices hour by hour. Together, this makes for an unbeatable product that will revolutionize the energy storage market.

Homevolt combines cutting-edge battery technology with the latest energy-saving AI software. It's the first battery that truly understands your home. It can lower costs and increase energy self-sufficiency for the user and contribute to stability and flexibility for the entire grid.



- Safe**
Homevolt is a smart product inside and out – from quality material to advanced features.
- Easy**
Easy to get, easy to use. Homevolt's user-friendly interface is made for you to be in control.
- Good-looking**
Sleek and stylish. Homevolt is designed to be put on display.
- A true multitasker**
Always on. Always working. Always thinking. Homevolt is always adapting to your home.
- Designed in Scandinavia**
When we designed Homevolt, we left nothing to chance. Every detail has been carefully considered and chosen with a circular mindset. This is a battery made to be seen. It's small, light, maintenance free and can be remotely controlled.

OVERVIEW PRODUCT CAPABILITIES AND TECHNICAL SPECIFICATION

	Configuration 1 (6kW/6,6 kWh)	Configuration 2 (6kW/13,3kWh)
Inverter Type	Bi-directional	
Output Voltage	300 – 440 VAC (nominal 400V) 3 phase	
AC Rated Power (bi-directional)	6 kW	
Rated Energy	6,6 kWh	13,3 kWh
Supply System	TN, TT	
Frequency	50-60 Hz	
Number of Batteries Installed	1	2
Lithium Chemistry	Nickel based	
Operating Temperature	-20 to 50 °C	
Radio	LTE, Wi-Fi, 868 MHz	
Dimensions	W 546 x D 250 x H 1350 mm	
Weight	Approx. 75 kg	Approx. 120 kg
IP Class	IP65	
Grid Code Compliance	Sweden	
Operating Relative Humidity	4-100% RH / Condensing (IEC 60721-3-4)	
Mounting Alternatives	Wall, pole	
Maximum Altitude	3000 m.a.s.l.	
Safety Standards, Certification Mark	VDE-2510-50, CE, IEC 62619, IEC 63056, UN 38.3, IEC 62477-1	
EMC	IEC 61000-6-2 (Immunity) IEC 61000-6-3 (Emission)	
Ancillary Services Compliancy	Product is compliant with technical requirements for ancillary services in Sweden (FFR, FCR-D, FCR-N).	