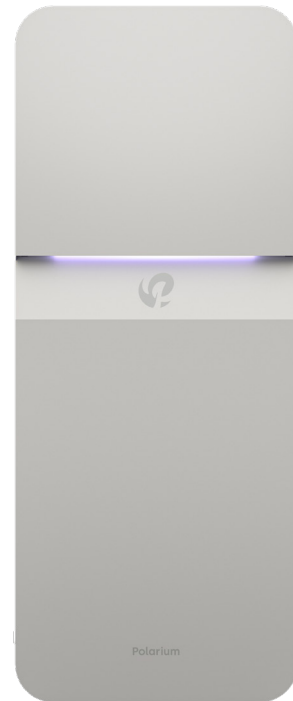




Congratulations to a Revolutionary Battery System – Polarium Home!

Polarium Home is the complete package: a high-quality consumer battery with an integrated inverter, 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.

Polarium Home 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.



■ Smart

Polarium Home is a smart product inside and out – from quality material to advanced features.

■ Easy

Easy to get, easy to install. The user-friendly interface Polarium Home is made for you to be in control.

■ Good-looking

Sleek and stylish. Polarium Home is designed to be put on display.

■ A true multitasker

Always on. Always working. Always thinking. Polarium Home is always adapting to your home.






■ Designed in Scandinavia

When we designed Polarium Home, 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.





LED-COLORS AND BEHAVIOR

Number of LEDs that are solid from the middle		State of charge 0-100%
LED on only middle		0%
LED on all		100%
Color	Behavior	Status
White	 No animation	Battery is idle
Purple	 Lights from the edges towards the middle	Battery is charging
Green	 Lights from the middle out towards the edges	Battery is discharging

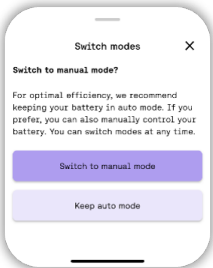
*Total brightness is adjusted based on ambient light readings.

STEERING OF THE SYSTEM

The Polarium Home system can be controlled either in auto mode by your installation partner or manually by you.

You can adjust this setting within the Polarium Home application.

Auto mode will be activated within 48 hrs of the installation.



Polarium Home website





A True Multitasker

Designed in Sweden

- Designed in Sweden to guarantee high quality and reliability with all software, firmware and cloud services developed within Europe.
- Emphasis on sustainability, circular production, and recycling.

Sleek Design and High Performance

- Compact design through high energy density with minimal weight and volume.
- High round-trip efficiency with minimal energy losses.
- Local frequency measurement enables safer and more robust control for frequency regulation (VPP).

Smart Communication and Connectivity

- Wireless communication with included smart energy-meters, using wireless technology to monitor the homes consumption and any production.
- Wi-Fi for long-term connectivity and mobile network connectivity during installation.

Modular for Expanding Power

- Modular design allows for upgrading energy capacity.
- Capability to install multiple Polarium Home for expanding power or energy storage.

Easy to use

- User-friendly mobile app for controlling and monitoring both the battery system and home energy consumption.
- Installer app to simplify the installation process and facilitate communication between the customer and installer.

Outdoor Performance and Adaptation

- Designed to withstand diverse weather conditions to enable outdoor installation, the safest possible place for a battery installment.
- Built-in heating and cooling for ensuring optimal performance in varying temperatures.
- Designed to be easy to install and use in outdoor settings.



OVERVIEW PRODUCT CAPABILITIES AND TECHNICAL SPECIFICATION

	Polarium Home
Inverter Type	Bi-directional
Output Voltage	3/N/PE ~230/400 VAC
AC Rated Power (bi-directional)	6 kW
Rated Energy	6.6 or 13.3 kWh
Supply System	TN, TT
Frequency	50 Hz
Operating Temperature	-20 to 45 °C
Radio	LTE, Wi-Fi (2.4 GHz), WPAN (868 MHz)
Dimensions	W 550 x D 250 x H 1350 mm
Weight	Approx. 85 kg or 130 kg
IP Class	IP65
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	CE, IEC 62619, IEC 63056, UN 38.3, IEC 62477-1
EMC	IEC 61000-6-1 (Immunity) IEC 61000-6-3 (Emission)

This product includes the following radio frequency (RF) transceivers that comply with the European Radio Equipment Directive (2014/53/EU, RED):

Category	Frequency band(s)		Maximum Transmit Power (EIRP)
LTE (CAT M1)	B1	1912 - 1980 MHz 2110 - 2170 MHz	20.99 dBm
	B3	1710 - 1785 MHz 1805 - 1880 MHz	21.35 dBm
	B8	880 - 915 MHz 925 - 960 MHz	21.31 dBm
	B20	832 - 862 MHz 791 - 821 MHz	21.35 dBm
Wi-Fi (2.4 GHz)	2412 - 2472 MHz		<20 dBm
LR-WPAN (868 MHz)	863 - 868 MHz		<14 dBm

For detailed information and instructions of use, contact your distributor to get in contact with the manufacturer.

