



Lumen

Lumen by inverSOL is a smart renewable energy system for the home providing you with greater energy independence and backup power.

Lithium NMC (LiNMC) batteries used in Lumen are validated and produced with uncompromised safety and quality control.

Wireless connectivity and computing platform allow for remote control through an app, software upgrades and smart energy management features.

Enhanced user experience through an interactive touchscreen.

Automatic transfer switch ensures no interruption during a power outage. With Lumen, there is Energy Always.



power without interruptions



software updates



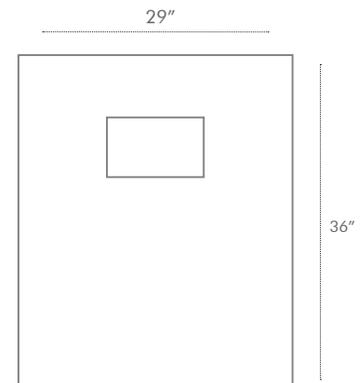
expandable for larger capacity

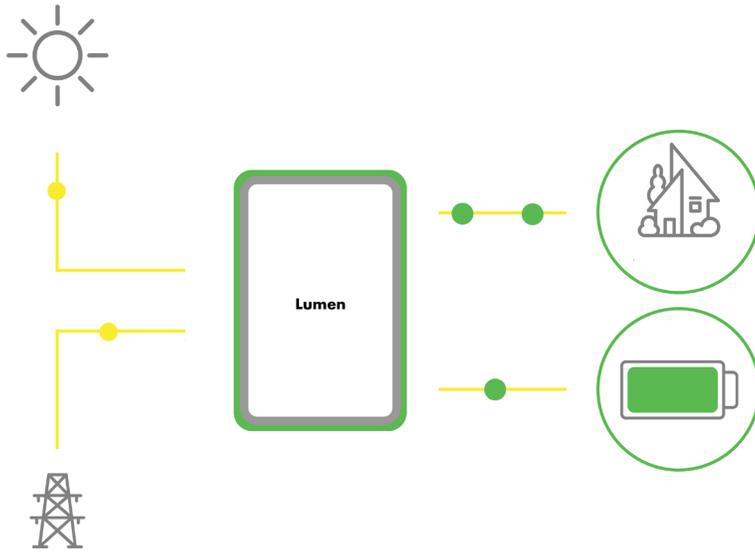
specifications

Battery Capacity: 5 kWh
Nominal Power Rating: 5 kWh
Number of Cycles: 3,000
Charging time: 3.5 hr
Round Trip Efficiency: 93%
Output Voltage: 110/220V
Max Load: ~20A, 240V
Surge Power: >9600VA

Automatic Transfer Switch
Solar support MPPT up to 160A
Supports up to 12 solar panels or 4,000 W

Temperature: -30C to +50C
Weight: 225 lbs





Lumen[•]

how it works

The Lumen harnesses the Sun's energy to provide power for your home.

If you consume more than the Sun is providing, Lumen draws the rest from your local utility.

In the event of a power outage, our power detection system automatically switches to Lumen Li-NMC batteries.

smart features

The Lumen smart features minimize wasted solar power and reduce energy bills, eliminating the need for net metering. The proprietary algorithm built in the Lumen brain ensures solar energy is used even when there is no Sun.

Enhanced user experience through an interactive touchscreen and remote control through a mobile app allow to track energy usage and savings. New features available with software updates.

Robust and sleek design make Lumen a seamless fit for any interior. Touchscreen and Interactive Design ensure enhanced user experience.

company

inverSOL is a clean tech division of Council Rock, a company with a long history of serving utilities across the globe. We are now proud to offer clean energy management systems for homes and microgrids.

Our team offers electrical, computer, software and power systems engineering. We integrated the latest technologies in wireless, blockchain and home automation into the Lumen.