

# Soluna HV Residential Batteries

Introducing the Soluna HV Pack 10K/15K L-E: a top-quality high-voltage LiFePO4 battery, expertly designed for use in homes and small businesses. This battery is compatible with many hybrid inverters, making it highly versatile and adaptable to your needs. With its ability to store daily energy, manage peak demand, and protect against blackouts, it is an essential addition to any energy system.

The Soluna HV Pack is pre-assembled and compact, offering capacities ranging from 10kWh to 15kWh. Installation is quick and easy, taking just 10 minutes, and the Soluna Wifi stick allows for remote monitoring. Experience the perfect combination of efficiency and innovation with Soluna.



### Scalable to 150 kWh

**1-10** units of any module (10K or 15K) can be **connected in parallel using the parallel box** allowing for scalable capacity ranges from 10 kWh to 150kWh.



High Voltage, Easy to Install Design



All-in-one solution



Black Start



6000 Cycle Lifespan



10 Year Warranty



Remote Upgrade & Monitoring

## Safety standards



### Transport

UN38.3



### Ingress protection rating

IP54



### Class 9 hazardous

materials classification



### Certifications

Cell: UL1642

Battery module: IEC62619 & CE

## Electrical Characteristics

	10K pack	15K pack
Battery type	Lithium LFP	
Nominal capacity (kWh)	10	15
Usable capacity (kWh)	9	13.5
Nominal voltage (V)	268.8	384
Voltage range (usable) (V)	235.2-294	336-420
Charge voltage (V)	294	420
Discharge cut off voltage (V)	235.2	360
Charge/discharge current (nominal) (A)	20/20	20/20
Charge/discharge current (max.) (A)	40/40	40/40
Depth of discharge (DoD) (%)	90	90
DC disconnect	Contactor Fuse	

## Operating & Physical Characteristics

Operating temperature (°C)	-10 to 50
Operating temperature (recommended) (°C)	15 to 30
Storage temperature (°C)	-30 to 60
Humidity conditions (%)	5 to 95
Altitude (m)	Max. 2,000
Cooling strategy	Natural convection



### Width (mm)

- 10K: 654
- 15K: 654



### Height (mm)

- 10K: 971
- 15K: 1205



### Depth (mm)

- 10K: 227
- 15K: 227



### Weight (kg)

- 10K: 105
- 15K: 143



No special installation required (the battery stands on the floor)

**10 Year Standard Warranty**



6000 Cycle Lifespan