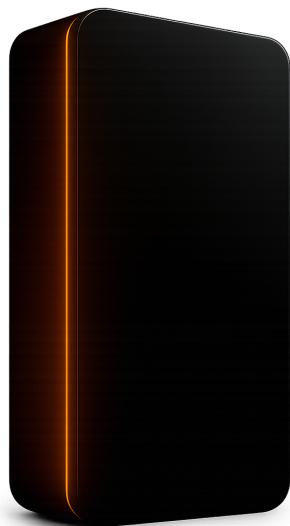


# Energy2 17kWh LFP Battery v3

## Specification

**Energy to everyone. Everywhere.**

- The only energy storage system designed, manufactured and installed here in the UK.
- Store low-carbon grid and solar energy when it's cheap, and use it later when energy prices are high.
- Go off-grid, outsmart the energy companies and save over 70% on your energy bills.
- The highest density of battery cells offering **17kWh** of capacity.
- Smart and proactive monitoring that optimises energy usage to maximise your investment.
- Installed and configured in 1 day.
- Engineered as an open and scalable system to flexibly adapt and grow as your needs change - 17kWh to 272kWh.
- Fire resistant LFP battery chemistry promotes enhanced safety.



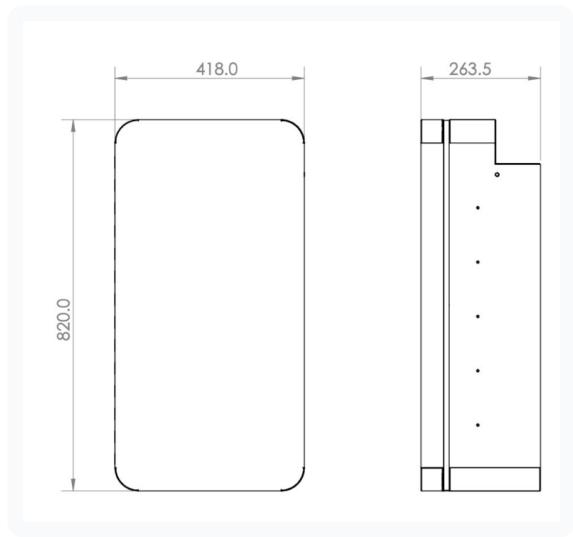
## Technical Specifications

Feature	Specification
<b>Capacity</b>	17kWh Useable
<b>Technology</b>	Lithium Iron Phosphate (LiFePO4) or LFP
<b>Cell Configuration</b>	16S1P (16 LFP battery cells in series)
<b>Nominal Voltage</b>	51.2V
<b>Full Voltage</b>	56V
<b>Empty Voltage</b>	45V
<b>Current</b>	200A
<b>Active Cell Balancing</b>	2A
<b>Maximum Power</b>	10kW
<b>Cycle Life</b>	8,000 @ 80% Depth of Discharge (DOD)
<b>Warranty</b>	15 Years (See Warranty Terms)
<b>Weight</b>	110kg
<b>Dimensions</b>	82cm (H) x 41cm (W) x 27cm (D)
<b>Communication Port</b>	CAN
<b>Inverter Compatibility</b>	Victron, Sunsunk, Growatt, Solis (Low Voltage)
<b>Parallel Config</b>	Up to 16 units (17kWh – 272kWh)
<b>Part Number</b>	E2-17-3.3
<b>Certification</b>	Safety-Critical Components (Cells, BMS, Breaker): IEC 62619 Tested. System Design: Aligned to IEC 62619 (Pilot Series)

# Environmental Specifications

Feature	Specification
Discharge Temperature	-20°C to 60°C
Charging Temperature	0°C to 45°C
Storage Temperature (1 mth)	-20°C to 45°C
Storage Temperature (3 mths)	-10°C to 35°C
Storage Temperature (1 year)	0°C to 25°C
Relative Humidity	45% - 85% RH

## Dimensions



## Care and Maintenance

- **Location:** The battery installation location must remain a clean, dry and well-ventilated location, free from excessive dust, moisture, salt spray, chemical vapours and direct water ingress.
- **Airflow:** Adequate airflow around the enclosure must be maintained at all times and the unit must not be covered, obstructed or used to support stored items.

- **Service:** The battery must not be opened, moved, modified or serviced by anyone other than Energy2 Ltd or an Energy2 approved battery energy storage engineer.

---

**Energy2 Ltd** Fourthtime, Grubbins Lane, Speen, Buckinghamshire HP27 0SH **Tel:** 0800 112 6345 | **Email:** hello@energy2.co.uk | **Web:** www.energy2.co.uk **Company No:** 13668568

---

© 2026 Energy2 Ltd. Registered in England No. 13668568.

This document is accurate at time of printing. For latest version visit [energy2.co.uk](http://energy2.co.uk)