



Prime Batteries Technology

Energy Storage Solutions
Based on Lithium-ion Cells

Contact Us

4C Oxigenului St., Cernica
Ilfov County, Romania, 077035

Automotive: vicentiu.ciobanu@primebattery.eu

Smart Grid: andreea.zaharof@primebattery.eu

Industrial: adrian.stoicescu@primebattery.eu



Sole regional producer

Electrodes Production



Cell Assembly



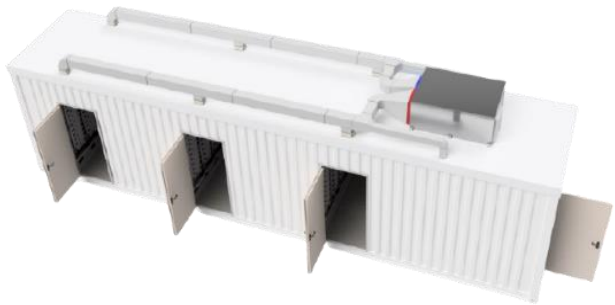
Battery production



- ▶ The only Li-ion battery producer in SE Europe and one of the 3 European producers.
- ▶ State of the art local production facility commissioned in 2020 with an annual production capacity of 200MWh.
- ▶ One of the largest European Li-Ion technology engineering team with 35+ expert engineers.
- ▶ The largest high performing testing facility in SE Europe.

Proven technology & integrated production facility

- ▶ Proven NiMnCo technology on an operating production facility.
- ▶ Integrated production of electrodes, cells and batteries packs.
- ▶ Cell cycle life up to 9,000 cycles, significantly above industry average (6,000 cycles).
- ▶ In-house developed highly efficient Battery Management System Technology for low-voltage.
- ▶ Compliant with international security standards: UN 38.3 (level 3) & UL1642 cell certification .



HV Containerized Storage Solution

- ✓ High Power and High Energy
- ✓ Modularity and Scalability
- ✓ Optimal Temperature Control and Safety
- ✓ Can be customized to meet various technical needs



48V Residential Battery Storage

- ✓ Lowest TCO
- ✓ Safe and reliable Product
- ✓ It comes in 4 capacity sizes: 3/6/9/12 kWh



48V Industrial Battery Rack

- ✓ Safe and reliable Product
- ✓ Scalable up to 73.5 kWh
- ✓ Up to 9 000 cycles
- ✓ Small footprint



HV Grid Battery Rack

- ✓ High Power and High Energy
- ✓ Tailored to meet all types of load requirements
- ✓ Customizable voltage range and energy capacity
- ✓ Small footprint
- ✓ Easy installation and upscaling



Marine Battery Storage

- ✓ Safe and reliable Product
- ✓ IP67 - Suitable for harsh conditions
- ✓ Lightweight and easy to install
- ✓ Customizable product



Telecom Battery Storage

- ✓ Safe and reliable Product
- ✓ Lightweight and easy to install
- ✓ Scalable
- ✓ Maintenance-free
- ✓ Customizable product

