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The specification of Lithium-Ion battery reflects customer expectations.

- Attractive costs
- Long electric driving range
- Fast charging
- High electric performance
- Long service life
- Temperature between -30°C and +50°C
- Global use
- Robustness and availability
- Maximum safety
The battery system enables greatest flexibility.

- The scalable battery system offers a range between 330 and 550 kilometres
Electric cars are as safe as conventional vehicles.
We are responsible for the entire battery cycle.

Primary raw materials

1. Battery cell production
2. Battery system production
3. 1st life
4. Return
5. Module analysis
6. 2nd life use
7. Mechanical recycling
8. Hydro metallic recycling
9. Secondary raw materials
10. Cathode material

Supply Chain Partners
The next battery generations.

- **MEB and PPE**
  - Product portfolio

- **Silicon anode**
  - Fast charge / High energy

- **All solid state**
  - Fast charge / High energy

2020  2022  2024  2026  2028
Northvolt AB and Volkswagen AG Joint Venture

Partnering to enable a sustainable transport future, the Northvolt–VW joint venture will establish a lithium-ion battery factory in Salzgitter, Germany.

It is a long-term partnership with intentions to increase capacity over time.

+ In September 2019, Volkswagen AG and Northvolt AB signed a 50/50 joint venture to establish a factory for lithium-ion batteries

+ The finalization of the joint venture is the result of an agreement which both parties concluded in June

+ Volkswagen invested some €900 million, with funds split between the joint venture and Northvolt itself

+ Volkswagen has received about 20 percent of the shares in Northvolt and a seat on its Supervisory Board

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Production Site ‘Northvolt Zwei’ in Salzgitter, Germany

Production capacity: 16 (extension to 24 GWh/a possible)
Production area: 180,000 m²