

# Iceland high voltage battery system

What is the most sold electric vehicle in Iceland?

The Nissan Leaf is the most sold fully electric vehicle in Iceland, with over 3,000 vehicles registered since 2010. In 2022, the market share of battery electric vehicles (BEV) was 33% and plug-in hybrid electric vehicles (PHEV) was 23%. This brings Iceland's plug-in market share to just under 56%, the second highest market share in the world.

What type of electricity do electric vehicles use in Iceland?

There is ample and cheap supply of energy for use by electric vehicles. Electricity supplies to individual homes and businesses is mostly three-phase. EVs in Iceland generally use the European standard Type 2 (Mennekes) connector and CCS Combo Type 2. Some older vehicles use Type 1 (J1772) and CHAdeMO.

What is the market share of electric vehicles in Iceland?

In 2022, the market share of battery electric vehicles (BEV) was 33% and plug-in hybrid electric vehicles (PHEV) was 23%. This brings Iceland's plug-in market share to just under 56%, the second highest market share in the world. As of April 2023 there were 19,215 BEVs and 20,982 PHEVs in registered use in Iceland.

What kind of energy does Iceland use?

Iceland's grid is almost 100% powered from renewable energy, from a mix of mostly hydroelectric power and geothermal power. There is ample and cheap supply of energy for use by electric vehicles. Electricity supplies to individual homes and businesses is mostly three-phase.

What type of Charger do EVs use in Iceland?

EVs in Iceland generally use the European standard Type 2 (Mennekes) connector and CCS Combo Type 2. Some older vehicles use Type 1 (J1772) and CHAdeMO. As of 2022, there are over 445 charging stations in Iceland, including 89 DC fast chargers (50-350kW power) and the remainder being AC (mostly 3-phase 22kW).

When did EV charging start in Iceland?

Public EV charging infrastructure in Iceland began in the mid 2000s when Orkuveita Reykjavíkur began installing EV charging stations at the town hall and in a few locations in Reykjavík, as a demonstration of electric vehicle infrastructure.

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