

Norway solar power for factories





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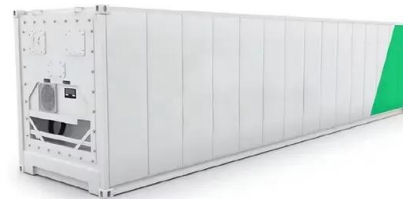


Norway delivers the best and cleanest raw materials for ...

Innovation and installation of eco-friendly solar power is increasing dramatically, and the demand for silicon is growing at a pace. Norway can help to meet this demand with the cleanest silicon in the world.

Brunvoll builds one of Norway's largest solar power plants

As a result, Brunvoll has chosen to invest a double-digit million amount (in NOK) to install 7,400 square meters of solar panels at its factory in Molde. This investment will lead to an annual energy production of 1,350,000 kWh, equivalent to 25% of the factory's electrical power consumption.



Vast Norwegian expertise perfect for floating solar

In Norway, the electricity produced by floating solar can be transmitted to nearby towns and cities, electric ferries and commercial buildings, or can be sent directly to an energy supplier that sells it on to other consumers.

Solar energy shines in Norway

This is why Norway is an excellent location for solar cell production. Virtually every single kilowatt powering Norwegian households and mainland industry comes from renewable



hydropower. The ecological footprint of solar panels made with materials from Norway is therefore extremely small.

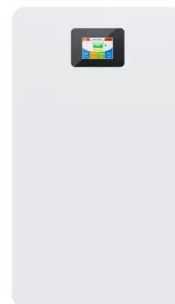


Nysnø

The market for solar energy is growing rapidly, and since 2015 the installation of solar power has increased by eightfold in Norway. The majority of the solar industry value chains are currently located in Asia, and especially in China. However, there is an increasing interest in building value chains in Europe, and NorSun will play a key role.

Norway Solar Power Market Outlook to 2028

The solar energy market is growing rapidly in Norway. According to Blackridge Research, the total solar power installed capacity in Norway is expected to increase from 358 MW in 2022 to 4,943 MW by 2028.



Making the shift to renewable energy effortless : Norsk Renewables

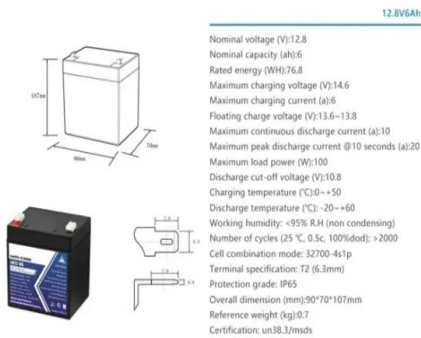
Norsk Renewables AS, formerly called Norsk Solar, is a vertically integrated independent power producer with a commercial offering that includes solar, wind, and storage. We are passionate about the clean energy transition, and we proudly focus on markets where we can significantly impact CO2 reduction, and enable



sustainable growth.

Solgrid: is building the first industrial solar farm in Norway

The solar power plant is being built in an area of Norway where there is a high demand for renewable energy and there is a short distance to the existing power grid. It is estimated to deliver 6.4 GWh a year, which is equivalent to the electricity consumption of about 320 Norwegian households.

12.8V6Ah

- Nominal voltage (V):12.8
- Nominal capacity (Ah):6
- Rated energy (Wh):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (A):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (A):10
- Maximum peak discharge current @ 10 seconds (A):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0-+50
- Discharge temperature (°C):-20-+60
- Working humidity: $\sim 95\% \text{ RH}$ (non condensing)
- Number of cycles (25 °C, 0.5c, 100%DoD): >2000
- Cell combination mode: 32700-41p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):50*70*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds

Solgrid gets licence to build 13.7-MWp solar farm in Norway

Norwegian renewables developer Solgrid announced on Monday it is set to build a solar farm at home that will be capable of supplying 15 GWh of clean power annually once operational.

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Solgrid: receives license to build Norway's first industrial solar

The Furusetth solar power plant, which will be built in Stor-Elvdal municipality, will be the first industrial scale solar power plant in Norway. We are very pleased to have received the license to build this historic solar power plant, says Kristin Melsnes, CEO at Solgrid.



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