

# Photovoltaic support rail track

 **TAX FREE**    

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



ENERGY STORAGE SYSTEM



## Overview

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A Swiss company commissioned a removable solar installation on an operational railway line in western Switzerland, comprising 48 photovoltaic modules rated at 385 W each, in what is described as the world's first track-mounted solar array designed for active rail. A Swiss company commissioned a removable solar installation on an operational railway line in western Switzerland, comprising 48 photovoltaic modules rated at 385 W each, in what is described as the world's first track-mounted solar array designed for active rail. After long delays, the removable PV system will finally be tested on a western track next spring. Solar panels are set to be rolled out “like carpet” on railway tracks in Switzerland in a world-first. Swiss start-up Sun-Ways has been given the green light for a three-year pilot project in the. Switzerland's Federal Office of Transport approved the removable PV plant in October 2024. But there is opposition to the project on safety grounds A Swiss start-up is trialling a new way of harnessing the power of the sun – solar panels on railway tracks.

## Photovoltaic support rail track

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### [Solar Tracks: Harnessing Sunlight Between Railways for Renewable ...](#)

By laying removable photovoltaic (PV) panels between the rails, the company hopes to meet nearly a third of the electricity demand for the country's public transport sector, while cutting ...

### [Swiss startup activates world's first PV solar plant on railway tracks](#)

Swiss startup Sun-Ways has launched the world's first removable solar power plant on active railway tracks, with passenger trains set to run over the 18 kW installation starting April 28.



### [World's First Track-Mounted Solar Array Helps Power Trains and ...](#)

In what is being described as the world's first track-mounted solar array designed for active rail traffic, a Swiss company called Sun-Ways commissioned a removable solar installation on ...



### [Solar power on the tracks , SNCF Group](#)

The world's first solar power plant on a working rail line We're joining forces with Swiss start-up Sun-Ways to explore how movable solar power generation equipment can be installed ...



### [Swiss Startup Stuns the World by Powering Trains With the First-Ever PV](#)

A Swiss startup has achieved a groundbreaking milestone by launching the world's first photovoltaic solar plant on railway tracks, promising to revolutionize renewable energy integration in ...



### [Revolutionary Solar Panels Installed on Swiss Railway Tracks](#)

Swiss startup Sun-Ways has launched the world's first removable photovoltaic (PV) solar plant installed directly on an active railway track in western Switzerland, with 48 solar panels set to ...



### [Solar panels will be rolled onto Swiss railway tracks 'like a carpet'](#)

Solar panels are set to be rolled out "like carpet" on railway tracks in Switzerland in a world-first. Swiss start-up Sun-Ways has been given the green light for a three-year pilot project in



### [Swiss startup inaugurates removable PV plant on railway tracks](#)

Swiss startup Sun-Ways has switched on a removable solar plant installed on a functioning railroad line in western Switzerland. The array, billed as the world's first track-mounted ...



### [Solar panels under a train? Switzerland starts testing first rail](#)

Switzerland has launched what's billed as the world's first removable solar power plant on an active railway. Installed in the relatively unused space between the rails, the solar panels were ...

### [Solar Panels to Be Put on Rail Tracks - But Will They Work?](#)

"This will be the first time that solar panels will be installed on a railway track with trains that pass over them," Sun-Ways CEO Joseph Scuderi said. The removable innovation is a crucial ...



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