

**SolarInnovate Energy Solutions**

# **Romania BESS outdoor power supply**



## Overview

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How many MW is a Bess project in Romania?

This project will feature a 127 MW power rating and an energy storage capacity of 254 MWh, making it one of the largest BESS projects in Romania to date. However, R.Power has not disclosed when the project will become operational.

Is the Bess market heating up in Romania?

The BESS market in Romania is heating up, say local analysts and insiders. Irene Mihai, policy officer at the Romanian Photovoltaic Industry Association (RPIA) recently told pv magazine that a realistic target for the utility-scale BESS segment in Romania “would be around 2 GWh (around 1 GW of installed capacity)” for 2030.

Which Romanian companies are adding Bess to their renewable assets?

Other Romania-based companies, such as Parapet and Waldevar Energy, have told pv magazine that adding BESS to their renewable assets is a top priority. The May edition of pv magazine features an in-depth look at Romania’s solar and energy storage markets.

Is Romania a Bess market?

“As other European BESS markets become increasingly saturated, Romania stands out,” said Evangelos Gazis, Aurora’s head of Southeastern Europe, adding that the investment case for storage is strengthened by wind and solar’s rapid expansion driving high volatility in wholesale and balancing markets. Interesting activity.

Who owns the largest Bess project in Bulgaria?

Additionally, Renalfa, which owns the largest operational BESS project in Bulgaria, a 25 MW/55 MWh system, continues to make strides in the region’s energy transition. R.Power has been awarded €15 million (approximately

US\$15.6 million) in non-reimbursable state funding to build its first large-scale BESS.

What is R power doing in Romania?

In addition to its activities in Romania, R.Power is involved in several renewable energy and storage initiatives across Europe. In related news, IPP Renalfa has acquired a 258 MW solar project in Teleorman, Romania, which is expected to begin operations in 2027.

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### Battery storage project pipeline in Romania in rapid expansion

Aug 16, 2025 · In an accelerating investment wave, companies in Romania are combining BESS with solar power, hydropower and wind power, or building standalone energy storage facilities. ...

### Romania allocates EUR120 million in state aid to boost battery ...

Dec 20, 2024 · The Romanian Ministry of Energy has announced a total of EUR120 million in state aid for six companies to support the production, assembly and recycling of battery energy ...



### Romania: R.Power secures EUR15 million grant for 127MW/254MWh BESS

Jan 12, 2025 · The funding, totaling RON 74.6 million, was granted by Romania's Ministry of Energy and was announced by R.Power on LinkedIn on January 3, 2025. This project will ...

## Romania: Trina Storage to Deliver 65MWh Battery System for Romanian

Aug 4, 2025 · Trina Storage is set to supply a 65MWh battery energy storage system (BESS) for a new project in Romania, marking its first deployment in the country. The initiative, located in ...



### Efficient Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Oversizing
- Max. PV Input Current 15A, Compatible with High Power Modules

### Intelligent Simple O&M

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPDs prevent lightning damage
- Battery Reverse Connection Protection

### Flexible Abundant Configuration

- Plug & Play, EPT Switching Under 15ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFQ Function (Optional): when an arc fault is detected the inverter immediately stops operation

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