

Espay Solar Energy S.L.

Moldova phase change energy storage system supplier



Overview

Moldova will buy a Battery energy storing system (BESS) of the last generation, with a capacity of 75 MW, as well as internal combustion engines (ICE) with a capacity of 22 MW. This will help the country consolidate its energy security. The Republic of Moldova has taken another significant step toward strengthening its energy security by initiating the procurement of a state-of-the-art Battery Energy Storage System (BESS). The United States Agency for International Development (USAID), through the Moldova. Moldova's Ministry of Energy is moving into the final drafting stage of its next renewable energy auction, following the close of public consultations in November. In the first phase of the tender.

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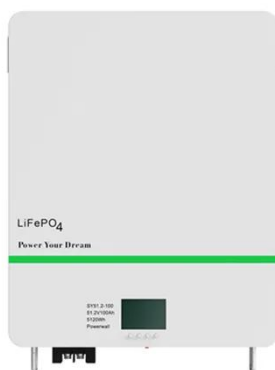


Moldova launches tender for 75 MW of battery storage

The storage systems will be installed at CET Nord thermal power plant in Balti. The procurement aims to improve the reliability of Moldova's grid, facilitate energy trade with neighboring ...

Moldova Secures \$85M U.S. Grant for Cutting-Edge Energy Storage Systems

Moldova will purchase a state-of-the-art Battery Energy Storage System (BESS) with a capacity of 75 MW and internal combustion engines (ICE) with a capacity of 22 MW to strengthen the ...



Moldova Energy Storage Power Station Procurement: Key Insights for

Moldova's push toward renewable energy has created urgent demand for energy storage power stations. With solar and wind capacity growing at 12% annually, the country aims to reduce reliance ...

Moldova launches 170 MW wind and storage tender as consultation ...

Moldova prepares a 170 MW wind and storage tender for 2026, introducing mandatory battery systems and clearer rules for hybrid projects. Learn how Moldova wind and storage tender supports national ...



Moldova to acquire modern battery-based energy storage system.

The storage systems will be installed at CET Nord in Balti, making a significant contribution to grid stability and renewable energy integration. The purpose of the acquisition is to improve the reliability ...

The Tender for Procuring a Battery Energy Storage System (BESS) ...

The tender process, launched by USAID through the Moldova Energy Security Activity (MESA) in partnership with the Ministry of Energy, includes the acquisition of a 75 MW energy ...



Moldova launches tender for 75 MW of battery storage

The procurement is launched by USAID through the Moldova Energy Security Activity (MESA) in partnership with the

Ministry of Energy.



Moldova consolidates energy security: country to buy system of ...

Moldova will buy a Battery energy storing system (BESS) of the last generation, with a capacity of 75 MW, as well as internal combustion engines (ICE) with a capacity of 22 MW. This will ...



Moldova to install 75 MW energy storage system with USAID support

The Republic of Moldova will install a 75 MW energy storage system (BESS) and 22 MW internal combustion engines as part of a project funded by the U.S. Government through USAID.

 **Efficient**
Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPP 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 SPD: prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible**
Abundant Configuration

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverter Parallel
- AFC Function (Optional): when an arc fault is detected the inverter immediately stops operation

US to invest EUR78.6 million in battery energy storage system in Moldova

The US will invest EUR78.6 million in a large-scale battery energy storage

system in Moldova to enhance the country's energy resilience.



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