

Dominican New Energy Storage Project

50KW modular power converter



Flexible Configuration

- Modular Design, Expanding as Required
- Small&Light, Wall Mounted
- Installed in Parallel for Expansion



Powerful Function

- Support PV+ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



Reliable Protection

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped



Overview

The Egeltabo BESS is a 100% clean project with 7.5 MW of capacity and cutting-edge technology. BESS is a type of energy storage system that uses rechargeable batteries to store electrical energy from the grid or power plants and release it later when needed. The aim is to provide stability to the National Interconnected Electric System (SENI). The Superintendency of. The Dominican government's latest renewable energy tender has triggered an overwhelming market response, with 32 solar and wind projects—most of them including battery energy storage—competing for just 600 MW. Guided by an ambitious goal to reach 300. Santo Domingo - The executive director of the National Energy Commission (CNE), Edward Veras, announced during Energyyear Caribe 2024 that the CNE's board of directors approved the modification of Resolution CNE-AD-0004-2023, which raises the storage requirements for renewable energy projects.

Dominican New Energy Storage Project



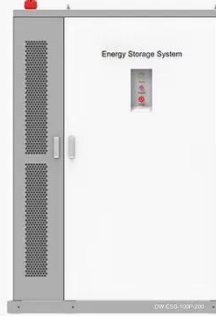
Dominican Republic launches 600 MW solar and wind tender with ...





The Dominican Republic has launched its first tender for up to 600 MW of solar and wind capacity with mandatory storage, requiring all projects to include battery systems capable of at least four ...

Dominican Republic seeks to strengthen its energy transition with new


The new regulation, officially issued after completing administrative steps, will require projects of more than 20 megawatts to include at least 50% battery storage capacity.

◆ PRODUCT INFORMATION ◆



-  **BATTERY CAPACITY**
50kWh~500kWh
-  **DC VOLTAGE RANGE**
400V~1000V
-  **DEGREE OF PROTECTION**
IP54
-  **OPERATING TEMPERATURE RANGE**
-10~50°C



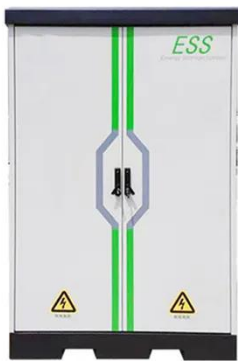
-  **Efficient Higher Revenue**
 - Max. Efficiency 97.5%
 - Max. PV Input Voltage 600V
 - 150% Peak Output Power
 - 2 MPPT Trackers, 100% DC Input Oversizing
 - Max. PV Input Current 16A, Compatible with High Power Modules
-  **Intelligent Simple O&M**
 - IP66 Protection Degree: support outdoor installation
 - Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
 - DC & AC Type I 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 Inverters Parallel
 - AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

Investment in Renewable Energy in the Dominican Republic

With this long-term energy vision, the Dominican Republic positions itself as a pioneer in the Caribbean region. By combining solar and wind power with advanced storage systems and creating a strong foundation for ...

New Regulations in The Dominican Republic Require 50% Energy Storage

New regulations in the Dominican Republic require 50% energy storage for renewable energy projects with capacities between 20 and 200 MW, but the lack of a clear critical service compensation ...



Dominican Republic tenders up to 600 MW solar, wind with mandatory storage

The call, by the Unified Council of Distribution Companies (CUED), will be the first in the nation to require projects to include batteries with storage capacity of at least four hours. The aim is to provide ...

President Abinader unveils country's first major energy storage system

The Egeltabo BESS is a 100% clean project with 7.5 MW of capacity and cutting-edge technology. BESS is a type of energy storage system that uses rechargeable batteries to store electrical ...



Dominican Republic sees renewable surge as nearly 3 GW bid for 600 ...

ESS



The Dominican government's latest renewable energy tender has triggered an overwhelming market response, with 32 solar and wind projects--most of them including battery energy storage--competing for ...

Construction starts on 99MWh battery unit in Dominican Republic

Construction has started on the first major solar-plus-storage project in the Dominican Republic, which features a 24.8MW/99MWh battery energy storage system (BESS).



Dominican Republic Energy Storage & Its Sustainable Future

Guided by an ambitious goal to reach 300 MW of energy storage capacity by 2027, the nation is working to enhance grid stability and reliability, paving the way for a cleaner energy system. Energy storage ...

Dominican Republic tenders up to 600 MW solar, wind with mandatory storage

The Dominican Republic has launched a tender for up to 600 MW of solar and

wind capacity, requiring projects to include at least four hours of battery storage to support stability in the



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