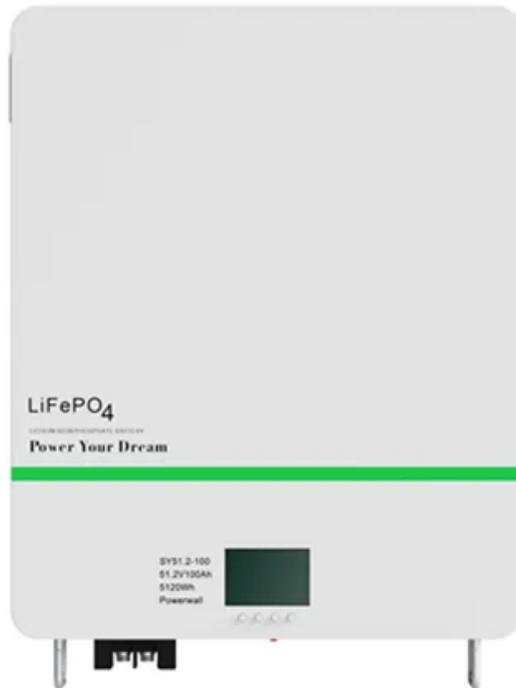


Espay Solar Energy S.L.

Azerbaijan Advanced Energy Storage Project



Azerbaijan Advanced Energy Storage Project



**Efficient
Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overriding
- Max. PV Input Current 16A, Compatible with High Power Modules

**Intelligent
Simple O&M**

- IP65 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 Inverters Parallel
- AEG Function (Optional): when an arc fault is detected the inverter immediately stops operation

Azerbaijan accelerates battery storage development

As part of this strategy, the country has launched large-scale projects to build advanced energy storage facilities using Battery Energy Storage Systems (BESS).

Azerbaijan to launch CIS's largest battery energy storage systems

The largest battery energy storage system (BESS) facilities in the CIS region are set to be commissioned in Azerbaijan's Absheron and Agdash districts in the coming months.



Azerbaijan starts building massive battery storage systems

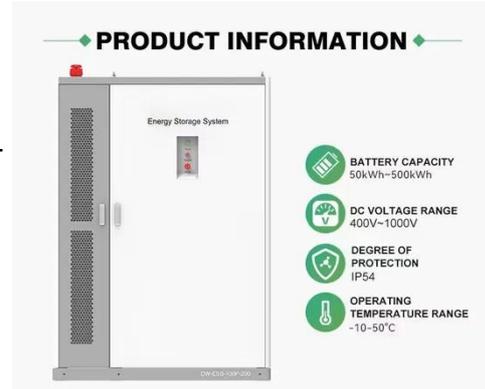
BAKU, Sept. 4 (Xinhua) -- Azerbaijan has launched the construction of large battery energy storage systems to boost the growth of renewable energy, the state energy company AzerEnerji said on ...



Azerbaijan Launches Battery

Storage Projects to Support Green

Azerbaijan has ushered in a new era in its energy sector with the launch of large-scale Battery Energy Storage Systems (BESS) to accelerate the integration of renewable energy sources.



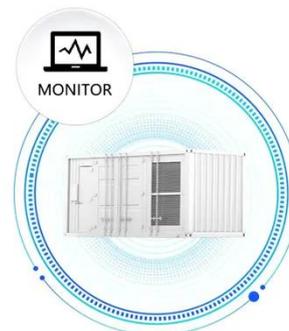
Azerbaijan builds the region's largest battery storage systems

These systems will be the first of their scale not only in Azerbaijan but across the entire region. They will strengthen Azerbaijan's energy independence and ensure reliable operation of the ...

Azerbaijan's first energy storage facility to be integrated into grid

Azerbaijan is building a 250-megawatt energy storage system, which will be integrated into the grid by 2027, Elchin Targuluyev, a solar and wind energy specialist at SOCAR Green, said at ...

SUPPORT REAL-TIME ONLINE MONITORING OF SYSTEM STATUS



Azerbaijan starts work on its largest battery projects, Uzbekistan to

"By combining wind energy with a battery energy storage system, the project will enhance grid stability, improve energy reliability, and support

the country's goal of achieving 54% renewable ...



Azerbaijan to build region's largest battery storage ...

The deployment of systems of this scale will be a first not only in Azerbaijan but across the entire CIS region.



Azerbaijan is building region's largest battery storage systems

Currently, necessary construction work is being carried out on site, and work is underway to manufacture and deliver the elements on order. The application of systems of this scale will be the ...

Azerbaijan sets benchmark with BESS megaproject in S Caucasus ...

It will be deployed at two strategically important substations: the 500 kV Absheron substation, near the capital Baku, and the 220 kV Agdash substation

in central Azerbaijan.



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