

## **PDEOZE PowerContainer**

# **Huawei Ukraine solar energy storage device**



## Overview

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The project in the Volyn region involves the construction of an energy storage system (ESS) with a capacity of 8.4 MW and a storage capacity of 10 MWh, utilizing the Huawei Smart String ESS LUNA2000 technology, one of the most advanced solutions available on the market.

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In 2025, one of the key trends in Ukrainian solar energy was the implementation of large-capacity energy storage systems (ESS - Energy Storage Systems). This is not about household solutions, but about intelligent commercial systems that allow enterprises to accumulate surplus electricity, use it.

Huawei Ukraine, a partner of the Association of Solar Energy of Ukraine (ASEU), and Ecotech Invest have signed a memorandum of strategic cooperation in the field of renewable energy. As part of this collaboration, they have announced the implementation of one of the largest energy storage projects.

Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.

SEAU partner Huawei Ukraine and SEAU member Photomate organized a business event in Zakarpattia, which became a landmark occasion for the region's energy community. The central focus of the event was the presentation of the Huawei LUNA2000-215-2s10 energy storage system - a cutting-edge solution.

The global solar storage container market is experiencing explosive growth, with demand increasing by over 200% in the past two years. Pre-fabricated containerized solutions now account for approximately 35% of all new utility-

scale storage deployments worldwide. North America leads with 40% market.

The project, considered the world's largest solar-storage project, will install 3.5GW of solar photovoltaic capacity and a 4.5GWh battery storage system. The project has commenced in November 2024. Global information and communication technology infrastructure and smart devices provider Huawei has.

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Huawei recognizes the crucial role of solar energy in ensuring a sustainable future. Therefore, we have invited specialists and experts from different countries to this forum to ...

As a member of the Ukrainian Solar Energy Association and founder of the Kiev Energy Cluster, UNASOLAR works with leading global manufacturers such as KACO, Siemens, FRONIUS, SolarEdge, Huawei, SMA, AFORE, ...

Huawei energy storage device battery module The Huawei LUNA2000-7-E1 Battery Module is a high-performance energy storage unit, delivering safe, efficient, and expandable backup power ...

On May 15, SUNSAY NRG, in partnership with Huawei Ukraine and Photomate Ukraine, is hosting a business brunch for companies in the manufacturing, food, agriculture, and logistics ...

One of the most promising solutions of this class was the Huawei Luna2000 with a capacity of 215 kWh, which has already proven its effectiveness in Ukrainian realities. This ...

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Furthermore, the solar PV system is supplemented by the Huawei LUNA2000 10 kWh lithium-iron-phosphate battery, enabling the storage of surplus solar energy generated ...

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