Syria solar inverters and batteries

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Explore the benefits of harnessing solar power, including energy independence, reduced reliance on fossil fuels, and a cleaner and greener future for Syria. Delve into the potential of solar energy in Syria and its ability to ...

UOSSM field teams installed the 90 kWp solar photovoltaic system which consisted of; 300 solar photovoltaic panels, 12 inverters, 216 batteries and an advanced data control system. The hospital is expected to save approximately 60,000 liters of diesel fuel per year.

Taking advantage of Syria"s great solar energy generation potential due to the high average of solar radiation rates (GHI at about 2100 KWh/M2 per year), the project aims at installing solar power generation plants to secure reliable and cost effective supplies of electricity to the two water-pumping stations.

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We embarked on a comprehensive system upgrade, replacing the reliable MOTOMA Gel Batteries with the latest generation of MOTOMA Lithium Batteries. These state-of-the-art M88PW/200Ah 51.2V batteries, coupled with the powerful MOTOMA Axpert MaxII 8KW Twin inverters, signify a significant leap forward in efficiency and environmental responsibility.

480 solar panels capable of producing 127 KW of DC power; 288 batteries capable of storing 720 KwH; 23 advanced inverters; Advanced data and control systems, power electronics and an energy storage system that enables it to run in parallel to diesel generators.

Solar power for Syria. Syria"s power grid has been decimated by years of war, leaving millions with unreliable energy. The Union of Medical Care and Relief Organisations (UOSSM) has begun a project to install solar panels on hospitals to ensure that there is always power where it is needed most.

Transform your power needs with our state-of-the-art inverters, designed to convert DC power from sources

like solar panels or batteries into reliable AC power for your home or business. Our inverters provide efficient, stable, and high-quality power conversion, ensuring that your electrical systems operate smoothly and effectively.

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The hospital is one of the key hospitals in Northern Syria, specializing in orthopaedics. UOSSM installed 300 solar photovoltaic panels and 12 inverters with a capacity of 90 kWp DC power, 216 batteries capable of storing 540 kWh of power, and advanced data control systems.

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