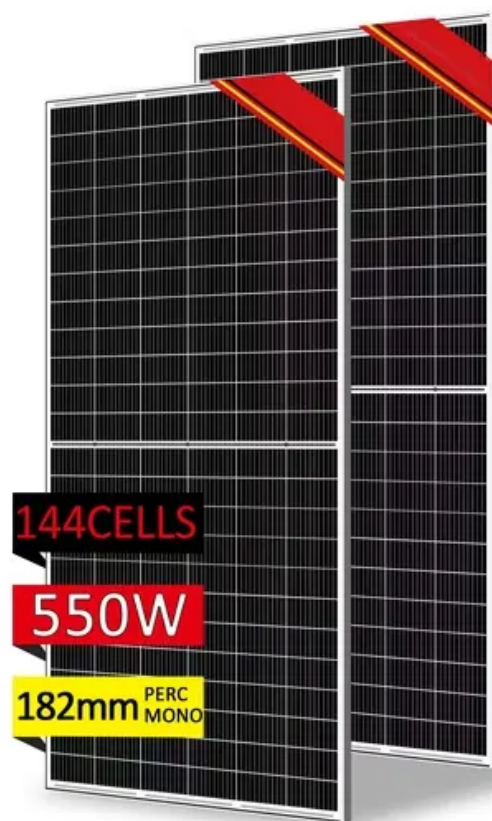


Market price of special photovoltaic energy storage system



Overview

As of 2025, prices range from \$0.86 per watt-hour (Wh) for utility-scale projects, while residential systems hover around \$1,000–\$1,500 per kWh [4] [6] [9]. But wait—why the wild variation?

Let's dive deeper. Department of Energy (DOE) Solar Energy Technologies Office (SETO) and its national laboratory partners analyze cost data for U.S. solar photovoltaic (PV) systems to develop cost benchmarks. These benchmarks help measure progress toward goals for reducing solar electricity costs. NREL analyzes the total costs associated with installing photovoltaic (PV) systems for residential rooftop, commercial rooftop, and utility-scale ground-mount systems. This work has grown to include cost models for solar-plus-storage systems. Ramasamy, Vignesh, Jarett Zuboy, Michael Woodhouse, Eric O'Shaughnessy, David Feldman, Jal Desai, Andy Walker, Robert Margolis, and Paul Basore.

Market price of special photovoltaic energy storage system

114KWh ESS



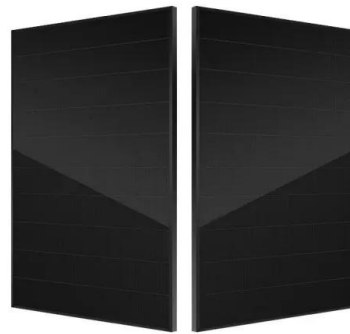
ISO 9001 ISO 14001 PICC RoHS CE MSDS UN38.3 UK CA IEC

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The PVSCM system cost is the price paid by the system owner to the system developer. Any tax credit realized by the owner is excluded and must be considered separately. Tariffs paid on imported ...

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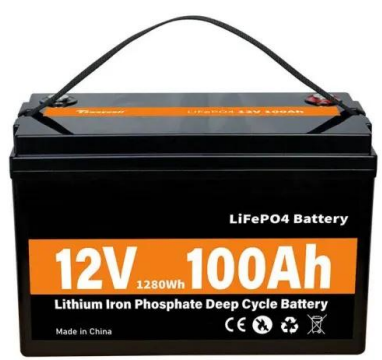
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