

## SolarTech Power Solutions

# Solar power generation price per megawatt



 **TAX FREE**    

## ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



## Overview

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Each year, the U.S. 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.

In specific terms, the average cost of solar energy generation can range anywhere from \$30 to \$50 per megawatt-hour, significantly dependent upon the aforementioned factors. However, this should be viewed within the wider context of energy pricing and emerging market trends, with long-term benefits.

Here is a breakdown of the cost of renewable energy according to our research, ranked by least to most expensive: Compare these costs to ultra-supercritical coal, which costs \$72.78 per megawatt-hour, more than double the cost of solar energy. And ultra-supercritical coal is a type of coal plant.

Investment in new electric-generating capacity in 2022 decreased by 27% from 2021 to \$36.9 billion dollars. Generator cost data are reported to EIA through the EIA-860, Annual Electric Generator Inventory. The costs discussed in this article reference our electric generator construction costs data.

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## Contact Us

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