

Cost Analysis of a 100kW Photovoltaic Container





Overview

How much does a 100kW Solar System cost?

As per the table, the average cost of a 100kW solar power system as of August 2024 is \$87,920 including GST and the STC upfront rebate. The graph below – from our Commercial Solar PV Price Index – shows average price trends for 100kW solar systems since Solar Choice started keeping track in May 2014.

What is a 100kW Solar System?

100kW solar systems are among the most popular commercial solar system sizes in Australia, as this size is the cutoff point for up-front incentives through the federal government. This article provides an overview of most of the key points that businesses need to know if they are considering a 100kW solar system for their commercial premises.

How much energy does a 100kW Solar System produce?

A standard 100kw solar system in Sydney, NSW would produce about (3kWh x 100kW =) 300kwh on a winter's day, while in the peak of summer, the same 100kw solar PV system would produce around (5kWh x 100kW =) 500kWh. A similar system in Brisbane might produce as much as 350kWh in winter and 550kWh on a day in summer.

How do market analysts evaluate the cost of PV systems?

Market analysts routinely monitor and report the average cost of PV systems and components, but more detail is needed to understand the impact of recent and future technology developments on cost. Consequently, benchmark systems in the utility-scale, commercial, and residential PV market sectors are evaluated each year.



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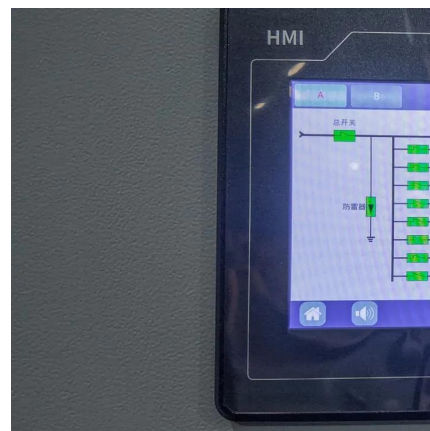
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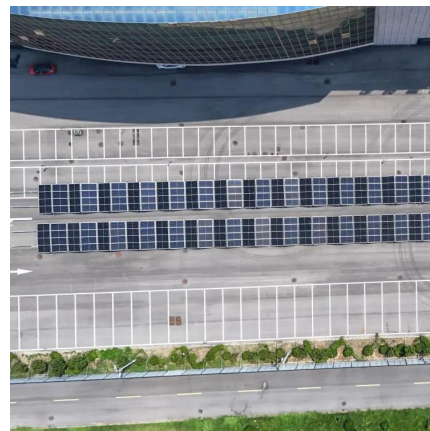
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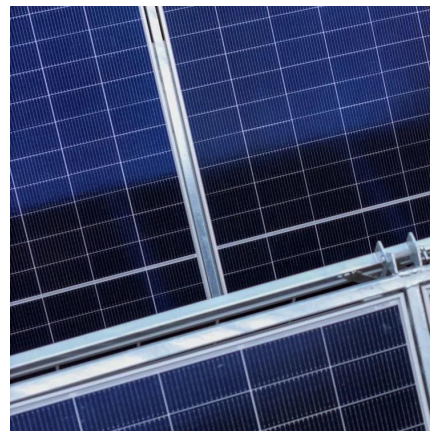
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