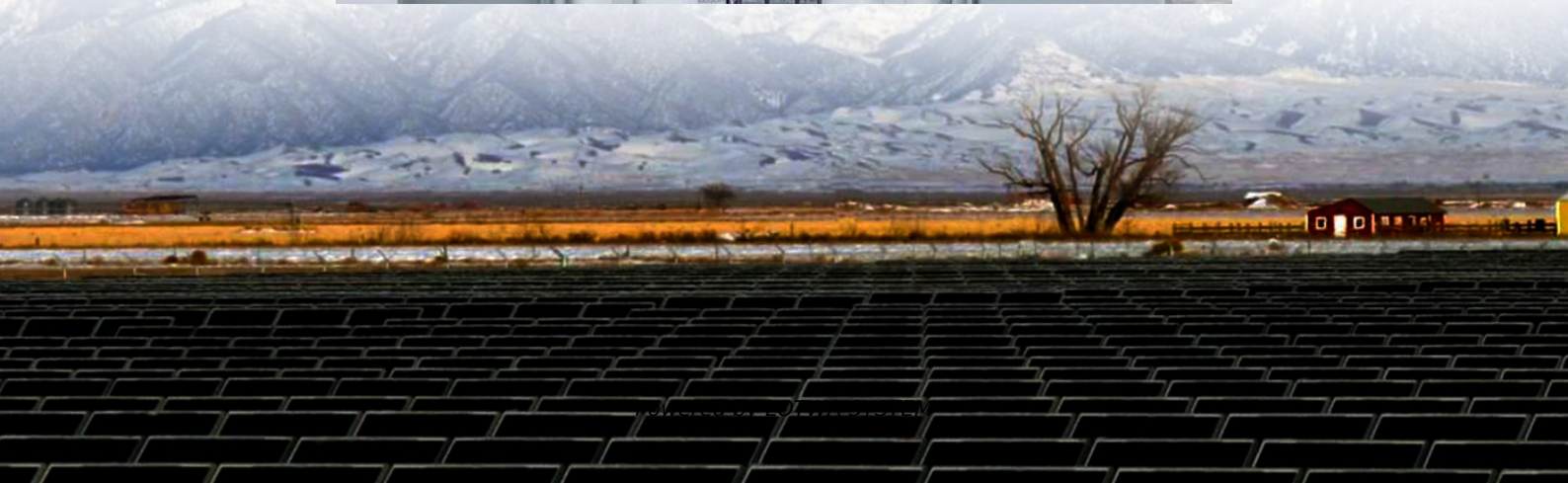# How much does a 50kW solar-powered container cost at an Australian airport

Overview

A 50kW solar system in Australia costs $46,100 – $51,400, produces around 190 – 220 kWh per day, and typically suits commercial sites aiming to save $15,500 – $18,000 per year, depending on usage and feed-in tariffs.How much does a commercial solar system cost in Australia?

Solar Choice has been tracking the cost of commercial solar systems in Australia since 2014, publishing average figures each month in our Commercial Solar Price Index. Based on this data we can see the average cost of a 50kW system as of August 2024 is $50,480 including the STC rebate and GST.

How much does a 50 kW solar system cost in Australia?

Across Australia the most recent Commercial Solar Price Index (May 2025) shows turnkey 50 kW installations ranging AU $46,400 – AU $57,170 depending on city, with a national mean of AU $51,420 (≈ $0.95 /W). Sydney records the lowest current outlay (AU $46,400) while Perth is highest (AU $57,170).

How much does a 50kw Solar System cost?

On average, a 50kW solar system will cost around $49,068, including government rebates and other incentives. The true range depends on your location and the brand of solar panels and inverter you go with. The installation cost is usually included in this price range, as a certified installer can only do it. What's the payback period on 50kW solar?

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How long does a 50kw Solar System last in Australia?

Most 50kW solar systems in Australia have an average payback period of 4 years. However, depending on your location and energy consumption patterns, the system may pay back in as short as 3 years, or extend to around 5 years. The more energy you consume from your 50kW solar system, the

faster it will pay itself back.

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