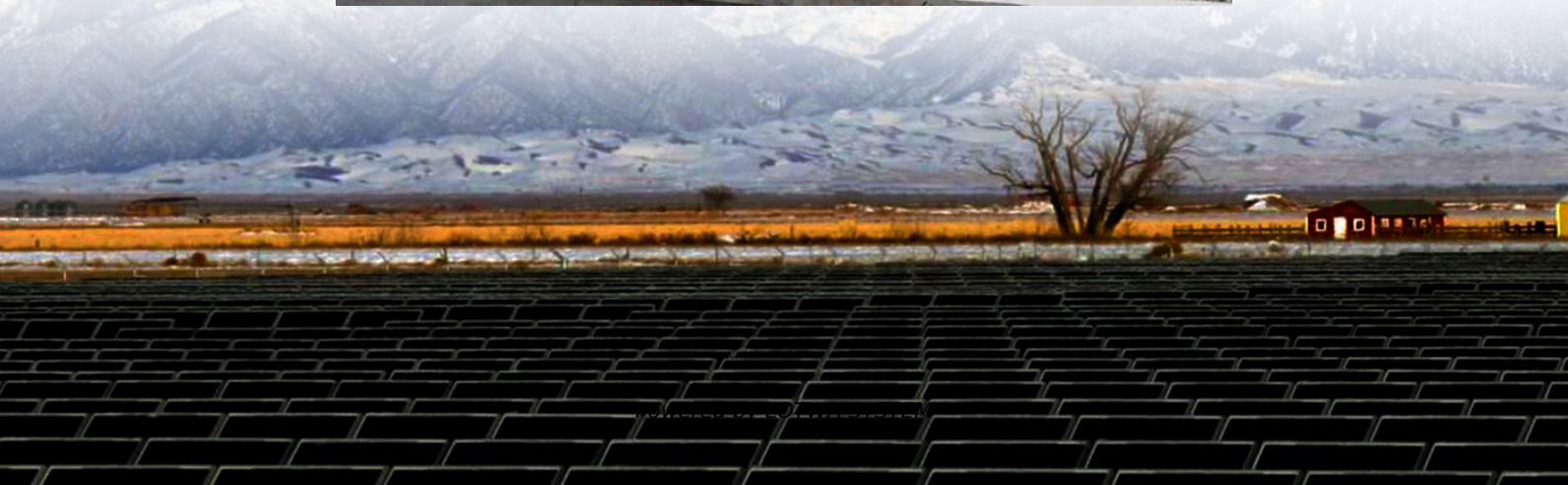


Quote for solar container vs diesel generator cost comparison





Overview

A mobile solar container system costs more at first than a diesel generator. For 100kW, a solar container costs about \$150,000. A diesel generator costs around \$30,000. Why are diesel generators better than solar panels?

The reason for this longevity is that solar panels have no moving parts. It is only the slow degrading effects of UV that wear the panels down. On the other hand, diesel generators have a constant running cost due to the need for fuel, cleaning and filter changes.

Should you buy a diesel generator or a solar generator?

But if one can sit and think about the future expenses that would be in store, the individual would, without doubt, prefer solar generators. Diesel generators would need a constant supply of fuel – this would cause the investment to pay back itself, owing to the ever-increasing price of fuel.

Is solar PV cost-effective?

Cost analysis was conducted for short-term (5 years), mid-term (15 years), and long-term (25 years). It was found that solar PV was 84.4%, 89.9%, and 87.7% more cost-effective for a 5-year, 15-year and 25-year period respectively.



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