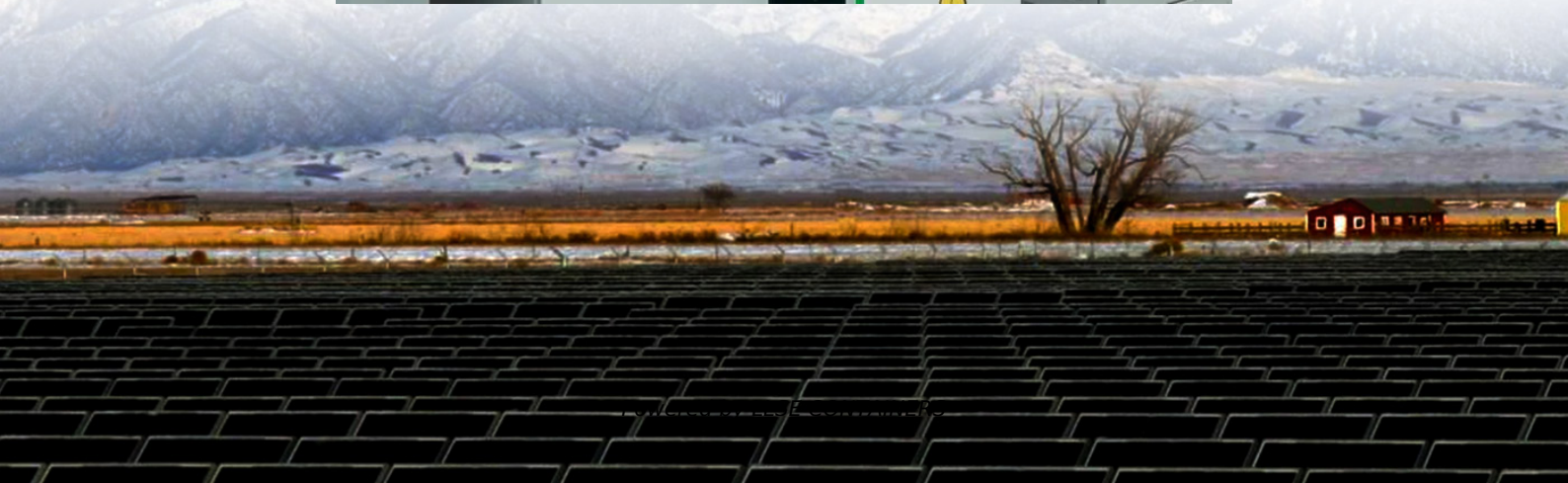


# **Off-grid solar-powered containerized mobile vs diesel engine**





## Overview

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What is a mobile power station?

The MOBIPOWER is the silent solution for your remote power needs at construction job sites, off-grid camps, or other applications. Whereas, diesel generators require with fuel and are noisy, this mobile power station uses solar energy with no noise pollution.

What is a solar power generator?

A silent, worry-free alternative to loud and dirty diesel generators to meet high off-grid power needs using solar power generation – with optional wind turbine (s) for augmented power generation day and night. Harvested power stored in a choice of batteries including Lithium Ion, EV Second Life Batteries, and deep-cycle AGM batteries.

How does a diesel generator work?

For redundancy, a diesel generator can be installed in order to charge the batteries if there hasn't been enough sun for 3-4 days. If the solar resource is insufficient, or energy demand is high and prolonged, the generator starts – and stops – automatically according to battery voltage. This start-up can also be triggered remotely, using VRM.



## Off-grid solar-powered containerized mobile vs diesel engine



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