

## SolarInnovate Energy Solutions

# Mobile Onsite Energy Solar



## Overview

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How can on-site solar PV & energy storage improve sustainability?

To achieve sustainability goals while meeting the increasing electricity demands of electrification, organizations are pairing on-site solar PV generation with on-site energy storage. These systems, which are considered as “behind-the-meter” (BTM) systems, allow facilities to maximize the benefits of on-site renewable generation.

Is Sesame solar a clean mobile power system?

Sesame Solar’s 100% Renewable Mobile Nanogrids are an example of clean mobile power. These Nanogrids leverage solar power + green hydrogen to bring energy when and where it's needed most. Portable and Compact Design: Renewable Mobile Nanogrids are compact, self-contained power systems designed for portability.

Can on-site storage be used alongside solar PV?

If a utility restricts the exports from a facility to the grid, the use of on-site storage alongside solar PV can provide a solution to avoid costly infrastructure upgrades, thus increasing the feasibility of larger on-site PV installations.

What are the benefits of an on-site solar PV system?

For the scenario represented in the graph, an on-site solar PV system allows the facility to reduce the amount of electricity drawn from the grid during the middle of the day. Increasing the amount of solar PV production on-site can provide additional cost and emission reductions and resiliency benefits for facilities.

Where can a solar power plant be installed?

Whether in remote areas without a grid supply or on uneven terrain – the solar power plant can be installed on any terrain and without earthworks, foundations, or foundation work. The entire solar power plant is delivered with

all modules, rail system, accessories, and tools in a 20-foot standard container.

What is clean mobile power?

Clean mobile power refers to the generation and utilization of electricity from renewable sources that are portable and can be easily accessed while on the move. Unlike traditional power sources that rely on fossil fuels, clean mobile power harnesses energy from the sun, wind, water or other sustainable sources.

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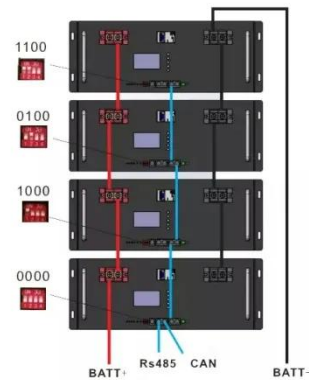


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