

## ContainerPower Energy Solutions

# Solar Remote On-site Energy Storage System



## Overview

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What is energy storage in remote areas?

Energy storage in remote areas is not just about generating power; it's about empowering communities and fostering sustainable development.

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.

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 is a ses Mapps® RD series solar generator?

SES MAPPS® RD Series are pre-assembled, pre-wired and tested skid-mounted portable solar generator systems that provide rapid deployment power for remote areas where conventional power is too costly or difficult to reach.

What are energy storage systems & how do they work?

Grid Stability and Reliability Energy storage systems, in particular advanced batteries, play a critical role in providing stability to the intermittent nature of renewable energy. Excess energy generated during peak generation periods is stored, ensuring a continuous and reliable energy supply even when electricity generation is low or zero.

What is a ses RD series Solar System?

The RD series can also be used to provide backup power for residential or commercial grid connected critical load applications. SES MAPPS® RD Series systems represent the highest standards of reliability, component selection, workmanship and system performance. MAPPS® pole mount solar systems are also available.

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### Contact Us

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