



LLSE CONTAINERS

# Solar Onsite Energy Storage Adapter





## Overview

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Why do businesses need onsite solar systems & battery energy storage systems?

As global electricity demand rises and fossil fuel dependence threatens our climate, innovative solutions like onsite solar systems and Battery Energy Storage Systems (BESS) are essential for businesses. These technologies offer a revolutionary way to harness and utilise solar power, addressing its intermittency and grid stability issues.

How can a business benefit from an onsite solar system?

Onsite solar solutions enable businesses to generate their own clean energy, reducing reliance on traditional power sources. With the integration of BESS, excess solar energy produced during the day can be stored for use during low generation periods, ensuring a constant reliable and flexible power supply.

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.



## Solar Onsite Energy Storage Adapter



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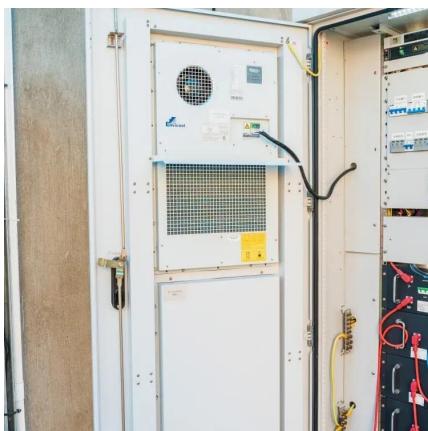


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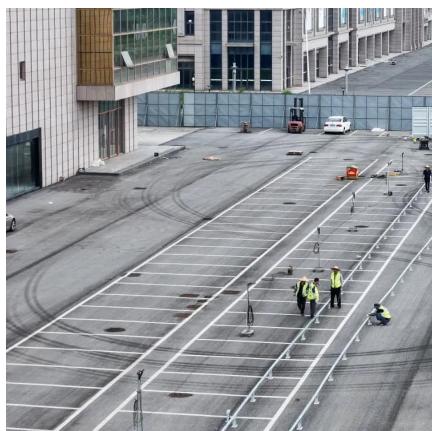
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