

## ContainerPower Energy Solutions

# Solar Outdoor On-site Energy Installation

PUSUNG-R (Fit for 19 inch cabinet)



## Overview

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### What is on-site solar?

On-site solar refers to a solar energy system that is installed directly on the property where the energy will be used. This is the most common form of solar energy generation for residential homes and commercial buildings.

### Why should you choose on-site solar?

**Control Over Energy Production:** With on-site solar, you have complete control over your energy production and usage. You can monitor system performance and make adjustments to maximize efficiency. **5. Environmental Impact:** On-site solar reduces your carbon footprint by allowing you to generate clean, renewable energy on your own property.

### 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.

### Should I Choose on-site or off-site solar?

Choosing between on-site and off-site solar depends on your specific circumstances, preferences, and goals. If you have the space, budget, and desire to generate your own energy, on-site solar may be the right choice. It offers the most control, potential cost savings, and a direct impact on your property’s value.

### What is off-site solar?

Off-site solar, also known as community solar or solar farms, refers to solar energy systems that are installed at a different location from where the energy will be used. These systems are typically larger, centralized solar

farms that generate electricity for multiple homes, businesses, or even entire communities.

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.

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### Contact Us

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