

## ContainerPower Energy Solutions

# Outdoor solar integrated machine matching



## Overview

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Why are solar interconnection methods limited?

The solar interconnection methods can be limited if there is no option to add a main breaker in the feedthrough (sub) panel. The lack of overcurrent protection from the feed through lugs to the feed through panel means that this effectively extends the busbar into the feed through panel so that the end of the busbar is the end of the MLO panel.

What is a solar interconnection?

Interconnections are part of all solar installations. Understanding the ins and outs of solar interconnection methods can be a bit perplexing given the various service equipment setups and local regulations. When hooking up your solar PV system to the existing electrical system, it's crucial to tread carefully.

Can a backfeed breaker be used to connect a solar PV system?

A backfeed breaker can be used to connect a solar PV system to the load-side of a service. There are several different ways this can be done per the NEC but the most common method for solar residential installs is by connecting it to the end of a busbar using the 120% rule (705.12 (D) (2) (3) (B)). Governing Code (s): 705.12 (B) (2) (3) (b)

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