

# Solar container battery cabinet double row installation spacing



## Overview

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The minimum horizontal spacing requirement is 30 cm (12 inches) between two EG4-LL, EG4-LL-S and/or LifePower4 6 slot battery cabinet pairs as shown in Figure 2.

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[How to Calculate Solar Panel Row Spacing for Maximum Efficiency](#)

To take the guesswork out, we've built a Solar Panel Row Spacing Calculator. Enter your site's latitude, tilt, and azimuth, and it will calculate the minimum spacing needed to avoid shading at

### EG4 BESS Spacing

The following document clarifies BESS (Battery Energy Storage System) spacing requirements for the EG4 WallMount batteries / rack mount six slot battery cabinet installations.



### 5.12 Energy Storage Systems in R-3 Occupancies

Applicants shall submit copies of both the UL9540A testing report and the installation instructions showing the recommended reduced spacing between the ESS units being installed.

### Galaxy Lithium-ion Battery Cabinet

Only for installing the battery cabinet in a new location: Follow the installation manual to install the battery cabinet in the new location. See Installation Procedure, page 18 for installation overview.



### AHJ reduced battery spacing approval list

The Authorities Having Jurisdiction (AHJs) listed in this document have approved the Enphase IQ Battery 10C and the IQ Battery 5P for reduced inter-battery spacing between the units.

[Solar battery cabinet cabinet double row installation spacing](#)

Your installer should maintain precise spacing requirements: 30 inches clearance on all sides of the battery, similar spacing around the inverter, and adequate ventilation for heat dissipation.



**IR N-3: Modular Battery Energy Storage Systems**

This Interpretation of Regulations (IR) clarifies specific code requirements relating to battery energy storage systems (BESS) consisting of prefabricated modular structures not on or inside a building for

[Choose a Location that Meets Powerwall 3 Clearance Requirements](#)

The spacing on either side of units and between units is required to ensure there is sufficient clearance for venting and thermal management features. Do not install anything inside the required clearance



**SOLAR CARPORT**

When installing modules along a row, butt the frame up to the exposed spacer tab of module clamp for correct spacing. Hardware is tightened down to 4 - 6 ft-lb or greater.

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This guide provides step-by-step instructions on how to install your R-BOX-OC outdoor solar battery cabinet, including site selection, assembly, wiring, and system testing.



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