

AEROCOMPACT Array Layout Guidelines



Minimum Array Size

S5/S10/S15

2 panels x 3 panels or 3 panels by 2 panels

+ (East / West)

2 E/W modules x 2 E/W modules

(Each E/W module is comprised of 2 solar panels)

In some cases, a single panel (or module) can be attached to an existing array, so long as it meets the minimum size requirements

Setback Distance

Minimum setback distance: 18"

Standard Setback distance: 48"

*Please note that standard setback distance is advised for all buildings over 150' long

(Kinetic Solar is not responsible for ensuring that layout meets NFPA or other standards)

Maximum Roof Height

60' Max

Higher roofs may be used in certain cases, please call us if your roof is taller than 60'

Maximum Array Size

12 x 10 Rows (120 Modules)

Please Note: Roofs at different heights need to be treated as separate roofs. If the roof slope is 5 degrees or more, then roof penetrations will be required.

Wind Load and Snow Load

The wind load and the snow load will be calculated based on the location of the project following the National Building Code 2015.

Layout Example

