

# Conergy SolarLinea

The Conergy SolarLinea is a highly cost-effective PV ground mount solution for commercial and utility scale systems. Ideally suited for use on unimproved sites, the SolarLinea utilizes economical rammed posts, and can be assembled quickly with a minimal number of tools. SolarLinea brings a new level of versatility and economy to ground mounted PV systems.

## Significant savings

The Conergy SolarLinea was specifically designed to minimize both material and labor costs and to maximize return on investment. Rammed post foundations eliminate the need for concrete foundations, which greatly reduces material and labor costs. Extensive pre-assembly further minimizes field labor, and SolarLinea's simple, functional design is extremely material-efficient and easy to install.

## Exceptional flexibility

Designed for maximum flexibility, the SolarLinea can accommodate both thin-film laminate and framed modules. Depending on project requirements, it can be provided in both single-row and multi-row versions.

## Outstanding adaptability

The SolarLinea can be installed on unimproved sites, reducing the need for grading, earthwork or other potentially expensive site preparation. Its combination of rammed post foundations, base rails, and Conergy's patented Quickstone technology allow the SolarLinea to follow terrain gradient variations of up to  $\pm 10^\circ$ .

## Maximum service life

Two essential hallmarks of the SolarLinea are its long service life and minimal maintenance requirements. The all-aluminum and stainless steel construction of the module support components assures corrosion resistance and maximum durability. Galvanic corrosion between aluminum and the galvanized steel ramming posts is prevented by an anodized coating on the adapter that separates the aluminum and steel parts. Conergy confidently provides a 10-year warranty on the SolarLinea.

## Ecologically responsible

Because of its design, the SolarLinea imparts minimal impact on the site. There are no concrete caissons, and the system components are completely recyclable. The site itself can thus be easily reclaimed if desired at system end-of-life.

## Ground mounting redefined

With its combination of efficient material usage, minimal labor requirements and minimal site impact, the Conergy SolarLinea represents a significant advance in commercial- and utility-scale ground mounting systems.

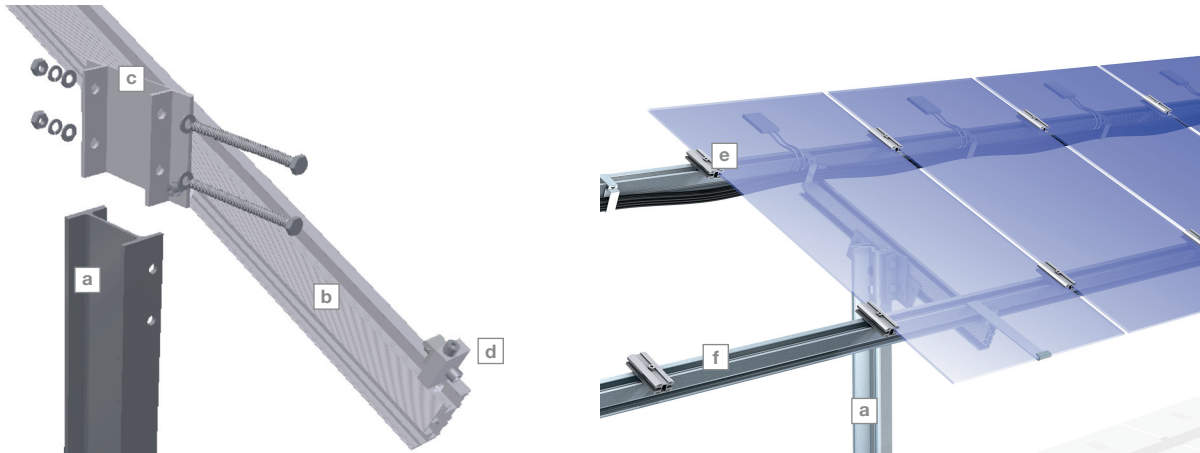


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Detail view of the adaptor assembly and SolarLinea with laminate modules

- a Rammed post
- b Rafter
- c Adaptor plate
- d X-stone
- e Module clamp
- f Support rail

## Conergy SolarLinea

Application	Open terrain – ground mount
PV modules	Framed, unframed
Module layout	Single-row or multi-row, up to approx. 12 modules per section.
Module orientation	Portrait or landscape, depending on module type and number of rows
Module tilt	25° and 30° (Standard)
Ground clearance	30"-31.5" (75-80cm) (Standard)
Maximum wind load*	120 mph (193 km/h)
Maximum snow Load*	30 psf (1.44 kPA)
Post spacing	Variable, depending on array configuration and site conditions
Standards	ASCE 7-05 and/or Aluminum Design Manual 2005
Supporting profiles	Extruded aluminium (EN AW 6063 T66) H-post (or other profile): Galvanized steel
Finish	Mill finish
Small parts	Stainless steel (V2A)
Warranty	10 years

\* Array configuration and site conditions may affect maximum load values and must be confirmed prior to installation.

Available from: