



# CORE FLEX

FIXED GROUND-MOUNT SOLAR MOUNTING SOLUTION FOR SMALLER PROJECTS

The Polar Racking CORE FLEX Ground Mount System is ideal for small and medium sized projects.

ROBUST  
COST-EFFECTIVE  
EASY TO ASSEMBLE

## KEY PRODUCT BENEFITS



**Reduced civil costs, faster installation time through high degree of adjustability**

- Greater assembly tolerances
- Top down clamps with high degree of adjustability



**No wire management costs**

- East-West purlins with pre-punched holes for cable ties



**Robust structure**

- Built with galvanized structural steel (G90)
- High-quality components for easy site handling



**In stock across North America**

- Available at distributors all over North America.
- 10-year warranty



**Fully engineered drawing packages for racking and foundation**

- Stamped structural and foundation drawings available for all provinces and states
- Available in single- or dual-post configurations



**Optimized for bifacial and thin film solar panels**

## KEY FEATURES



**Wind Tunnel Tested (CPP)**

- Engineered for the toughest wind and snow conditions



**Foundation Guide**

- Detailed foundation guide based on site location and soil type provided



**Rated to 10% Ground Slope East-West**



**Quick and Easy Installation**

- Lowest component count in the industry, resulting in the fastest installation time
- Integrated bonding for panels with ETL certified components
- Minimal number of posts per rack
- No drilling of rack on site

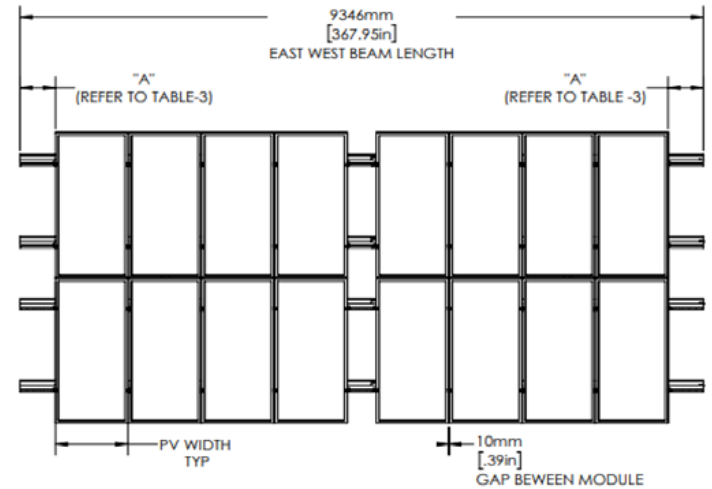


## GENERAL AND MECHANICAL

<b>SYSTEM TYPE</b>	Fixed ground mount
<b>MODULE ORIENTATION</b>	Portrait Maximum module length: 2,465 mm)
<b>TILT</b>	30°
<b>FOUNDATION</b>	4 posts / table (Dual Post) 2 posts / table (Single Post)
<b>CODES AND STANDARDS</b>	ASCE/SE17-16, IBC 2012, NBC-2015, NBC-2019, OBC 2012, UL 467, UL 2703 Bonding and Grounding
<b>BONDING AND GROUNDING</b>	Integrated bonding and grounding
<b>MODULE ATTACHMENT</b>	UL-listed top clamps and direct bolts, compatible with all module types
<b>FOUNDATION OPTIONS</b>	Portrait Maximum module length: 2,465 mm)
<b>PURLINS MATERIAL / COATING</b>	Integrated wire management
<b>CONNECTION PLATES &amp; MATERIAL COATING</b>	Hot dip galvanized
<b>HARDWARE MATERIAL &amp; COATING</b>	Magni 565 coated
<b>FOUNDATIONS</b>	Helical piles, Ground-screws, and Ballast foundation
<b>WARRANTY</b>	10-year warranty

## MODULE COMPATIBILITY

<b>MODULE ORIENTATION</b>	Portrait Maximum module length: 2,465 mm)
<b>MODULE TYPE</b>	72 cell or 144 split-cell
<b>MODULE WIDTH</b>	990 - 1,135 mm
<b>MODULE FRAME THICKNESS</b>	26 - 50 mm



This document does not create any express warranty by Polar Racking or about its products or services. Polar Racking's sole warranty is contained in the written product manual for each product. The end-user documentation shipped with Polar Racking's products constitutes the sole specifications referred to in the product warranty. The customer is solely responsible for verifying the suitability of Polar Racking's product for each use. Subject to change without notice. Last updated in February 2024.

