

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

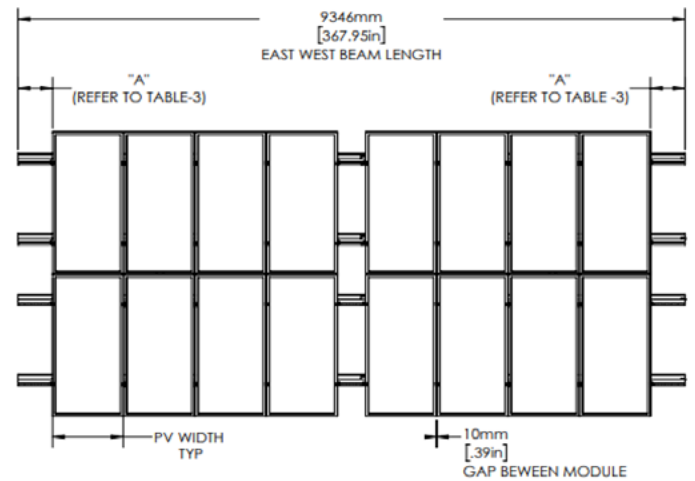


GENERAL AND MECHANICAL

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

MODULE COMPATIBILITY

MODULE ORIENTATION	Portrait Maximum module length: 2,465 mm)
MODULE TYPE	72 cell or 144 split-cell
MODULE WIDTH	990 - 1,135 mm
MODULE FRAME THICKNESS	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 August 2023.