



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. The CORE FLEX is very robust, easy-to-assemble, and cost-effective.

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 all of 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
- ✓ **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

Certifications & Third-Party Testing

Polar Racking's ground-mount products have been tested as per UL 2703 standards for the USA and Canada. All products have been wind tunnel tested. Individual component finite element analysis and mechanical load testing have been completed by third-party labs, which are available upon request.

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

TECHNICAL DATA

SYSTEM TYPE	Ground Mount	FOUNDATION	4 post per table
WARRANTY	10-year warranty	TILT	30°

DESIGN CONSIDERATIONS

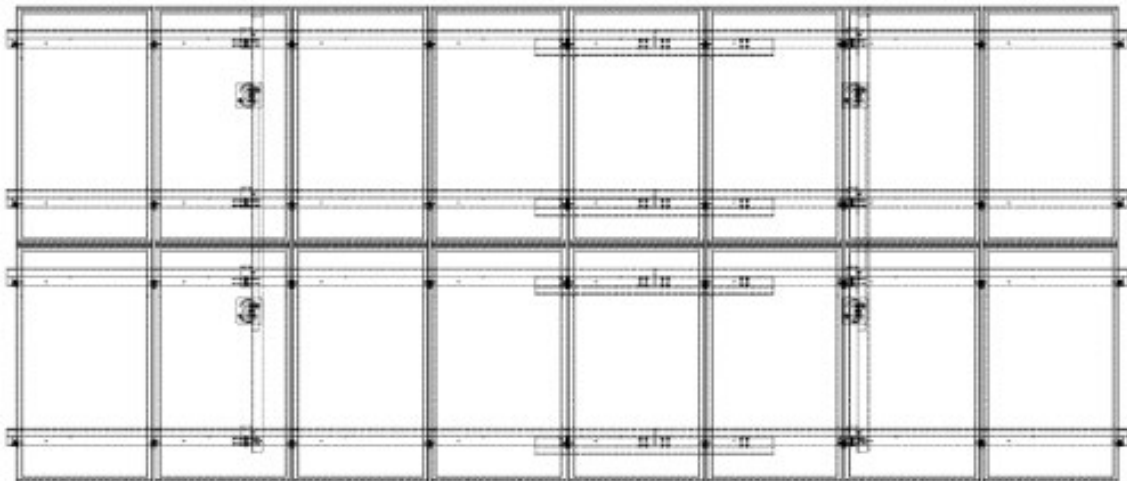
CODES	ASCE/SE17-16, IBC 2012, NBC, OBC 2012, UL 467, UL 2703 Bonding and Grounding
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TECHNICAL SPECIFICATIONS

CLAMPING	Top clamping	PURLINS MATERIAL / COATING	Integrated wire management
BONDING AND GROUNDING	Integrated bonding and grounding	CONNECTION PLATES MATERIAL / COATING	Hot Dip Galvanized
FOUNDATION OPTIONS	Helical piles, ground screws, grouted piles, ballast foundation	HARDWARE MATERIAL / COATING	Magni 565 Coated

MODULE COMPATIBILITY

MODULE ORIENTATION	Portrait	MODULE WIDTH	990 - 1112 mm
MODULE TYPE	72 Cell	MODULE FRAME THICKNESS	31 - 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 September 2022.