



PRU-D

DISTRIBUTION GROUND MOUNT

The Polar Racking Distribution Ground Mount System is ideal for small and medium sized projects. The PRU-D is highly configurable, easy-to-assemble, and cost-effective.

KEY PRODUCT BENEFITS

- Industry leading field assembly times
- Integrated East West & North South wire management
- Robust structure built with galvanized construction steel (G90)
- Highly customizable to accommodate varying geologies, site conditions, slopes and module configurations in portrait
- 10 year warranty backed by 3rd party insurance company
- Full foundation and technical support
- In-house structural engineering for quick turnaround
- Minimal lead time



KEY TECHNICAL FEATURES

- Modular rack kit, in which combinations from 2x6 to 2x20 can be configured with 3 standard racks (base of 2x6 with add ons of 2x3 and 2x4)
- Robust high quality components for easy site handling
- Wind tunnel tested (CPP) and engineered for the toughest wind and snow conditions
- Lowest component count in the industry, resulting in the fastest installation time
- Integrated bonding for panels with UL certified components
- East-West purlins with pre-punched holes for efficient wire routing
- No drilling of rack on site
- Minimal number of posts per rack (1 post for 2x3 and 2x4 racks, 2 posts for 2x6 rack)
- Rated to 10% ground slope East-West
- Two standard loading options available for light and heavy snow and wind loads



SYSTEM ATTRIBUTES

SYSTEM TYPE	Ground Mount	FOUNDATION	Mono, W-Beam
WARRANTY	10 year warranty backed by 3rd party insurance company	TILT	30 °

DESIGN CONSIDERATIONS

CODES	ASCE/SEI 7-10, IBC 2012, NBC, OBC 2012 UL467, UL 2703 Bonding and Grounding	TESTING & STANDARDS	Wind and Snow Engineering
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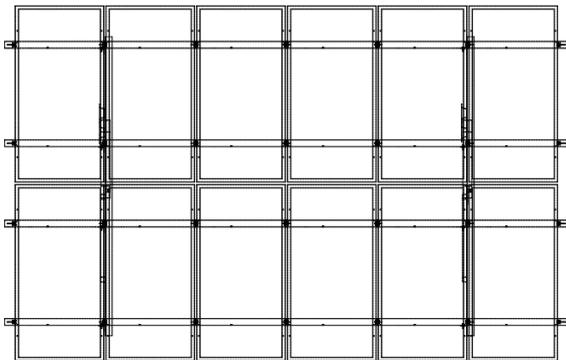
TECHNICAL SPECIFICATIONS

CLAMPING	Top clamping	PURLINS MATERIAL / COATING	C90 Pre-galvanized Steel
BONDING AND GROUNDING	Integrated bonding and grounding	CONNECTION PLATES MATERIAL / COATING	Hot Dip Galvanized
FOUNDATION	W 6x9, I-Beam *standard other options available	HARDWARE MATERIAL / COATING	Magni 560 Coated

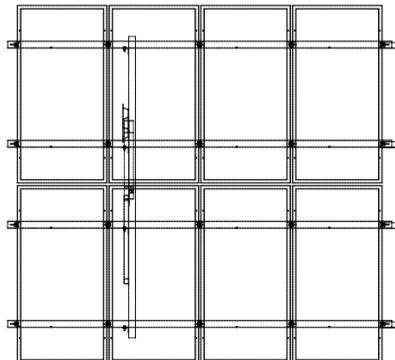
MODULE COMPATIBILITY

MODULE ORIENTATION	Portrait	MODULE WIDTH / LENGTH	982-1002mm / 1954-1993mm
MODULE TYPE	72 Cell	MODULE FRAME THICKNESS	31-50mm

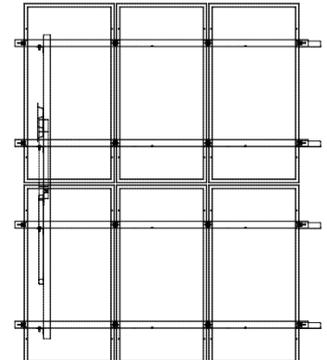
Kit, Rack, 2x6



Kit, Rack, 2x4



Kit, Rack, 2x3



AVAILABLE TABLE CONFIGURATIONS: 2x6 to 2x20

TABLE DESCRIPTION	KIT DESCRIPTION	QTY	# OF POSTS	kW Size*
Table, 2x6	Kit, Rack, 2x6	1	2	4.2
Table, 2x9	Kit, Rack, 2x6	1	3	6.3
	Kit, Rack, 2x3	1		
Table, 2x10	Kit, Rack, 2x6	1	3	7
	Kit, Rack, 2x4	1		
Table, 2x12	Kit, Rack, 2x6	2	4	8.4
Table, 2x13	Kit, Rack, 2x6	1	4	9.1
	Kit, Rack, 2x4	1		
	Kit, Rack, 2x3	1		
Table, 2x14	Kit, Rack, 2x6	1	4	9.8
	Kit, Rack, 2x4	2		
Table, 2x15	Kit, Rack, 2x6	2	5	10.5
	Kit, Rack, 2x3	1		
Table, 2x16	Kit, Rack, 2x6	2	5	11.2
	Kit, Rack, 2x4	1		
Table, 2x17	Kit, Rack, 2x6	1	5	11.9
	Kit, Rack, 2x4	2		
	Kit, Rack, 2x3	1		
Table, 2x18	Kit, Rack, 2x6	3	6	12.6
Table, 2x19	Kit, Rack, 2x6	2	6	13.3
	Kit, Rack, 2x4	1		
	Kit, Rack, 2x3	1		
Table, 2x20	Kit, Rack, 2x6	2	6	14
	Kit, Rack, 2x4	2		

*based on 350 watt modules



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 update, March 2017.