

Technical Specification Sheet

Product Overview

Product Name: PowerRack 1200

Application: Fixed-Tilt Ground-Mount Solar Racking

Module Orientation: Landscape

Tilt Angle: 20°

Physical Dimensions

Parameter	Imperial	Metric
Overall Length	44.0 in	1117.6 mm
Overall Width	25.59 in	650 mm
Top Edge Height	29.84 in	757.8 mm
Low Edge Height	14.0 in	355.7 mm
Tilted Mounting Length	46.3 in	1176.1 mm
Bottom Base Length	31.83 in	808.6 mm
Unit Weight	23.8 lbs	10.8 kg

Module Compatibility

Parameter	Imperial	Metric
Standard Allowed Module Width	44.1 – 45.2 in	1120 – 1150 mm
Additional Width via PowerRack Module Extension	45.3 – 46.85 in	1151 – 1190 mm

Structural Performance Ratings

Parameter	Rating
Wind Load	135 mph (ASCE 7-22) 185 mph+ with ground anchors
Snow Load	200+ psf (9,500+ Pa)

Design & Engineering Notes

- Fixed-tilt, single-module ground-mount racking system
- Designed for rapid field deployment and repeatable installation
- Not limited to gravel and soil-based site conditions (final design subject to geotechnical review)
- Structural capacities based on code-compliant loading assumptions and site-specific engineering
- Not limited by site conditions. Can be installed on most terrains and slopes.

Applicable Codes & Standards

- Structural design compliant with **ASCE 7-22 & ASCE 7-16**
- Final installation subject to local jurisdiction requirements and stamped engineering
- UL2703 Compliant*

*Mounting system is listed and labeled in accordance with UL 2703. Mounting systems for photovoltaic panel systems, including devices used for bonding module frames, are required to be listed and labeled for their intended purpose. CRC R324.3.1, CEC 690.43(A)

