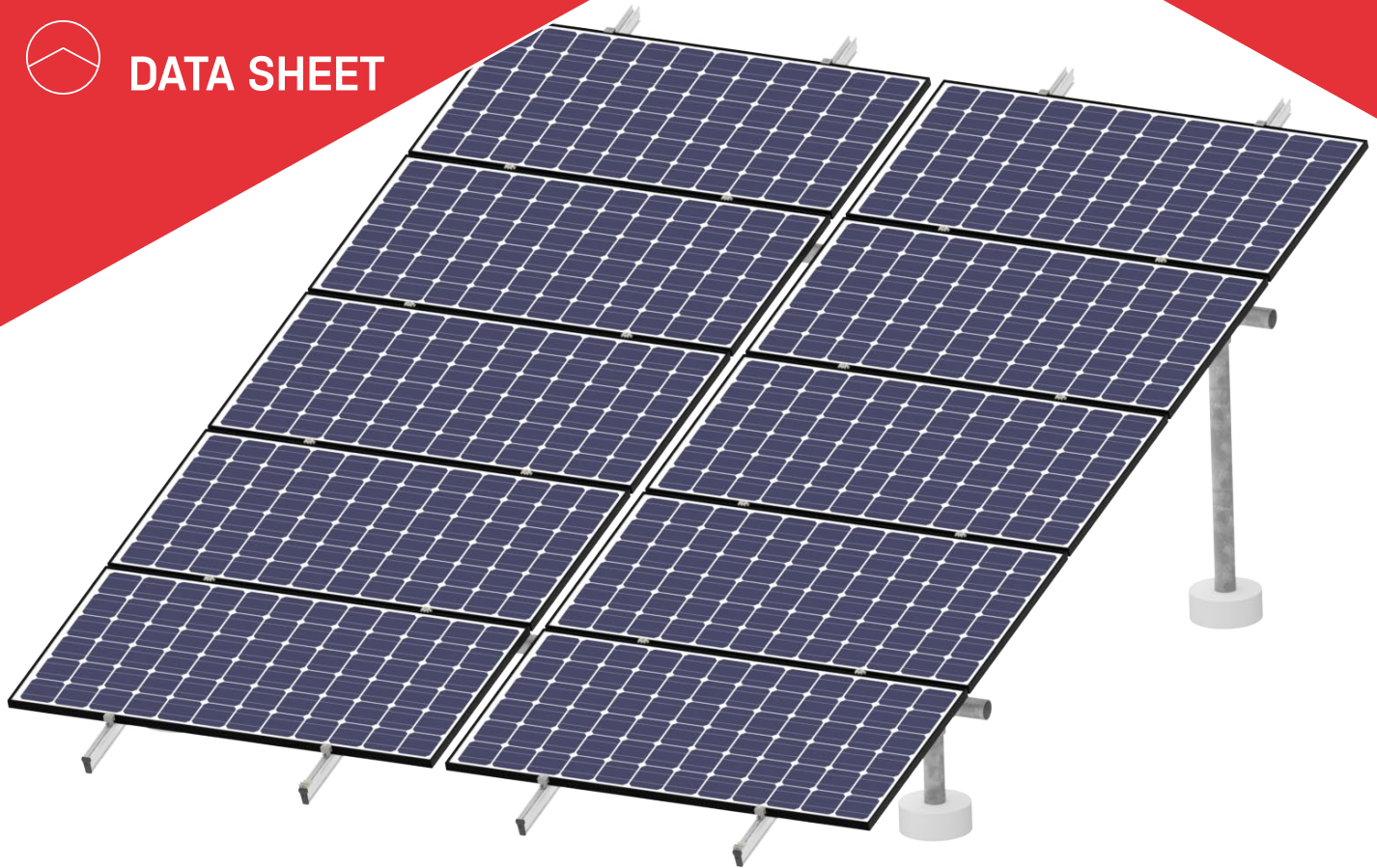


CrossRail Ground Mount System



DATA SHEET

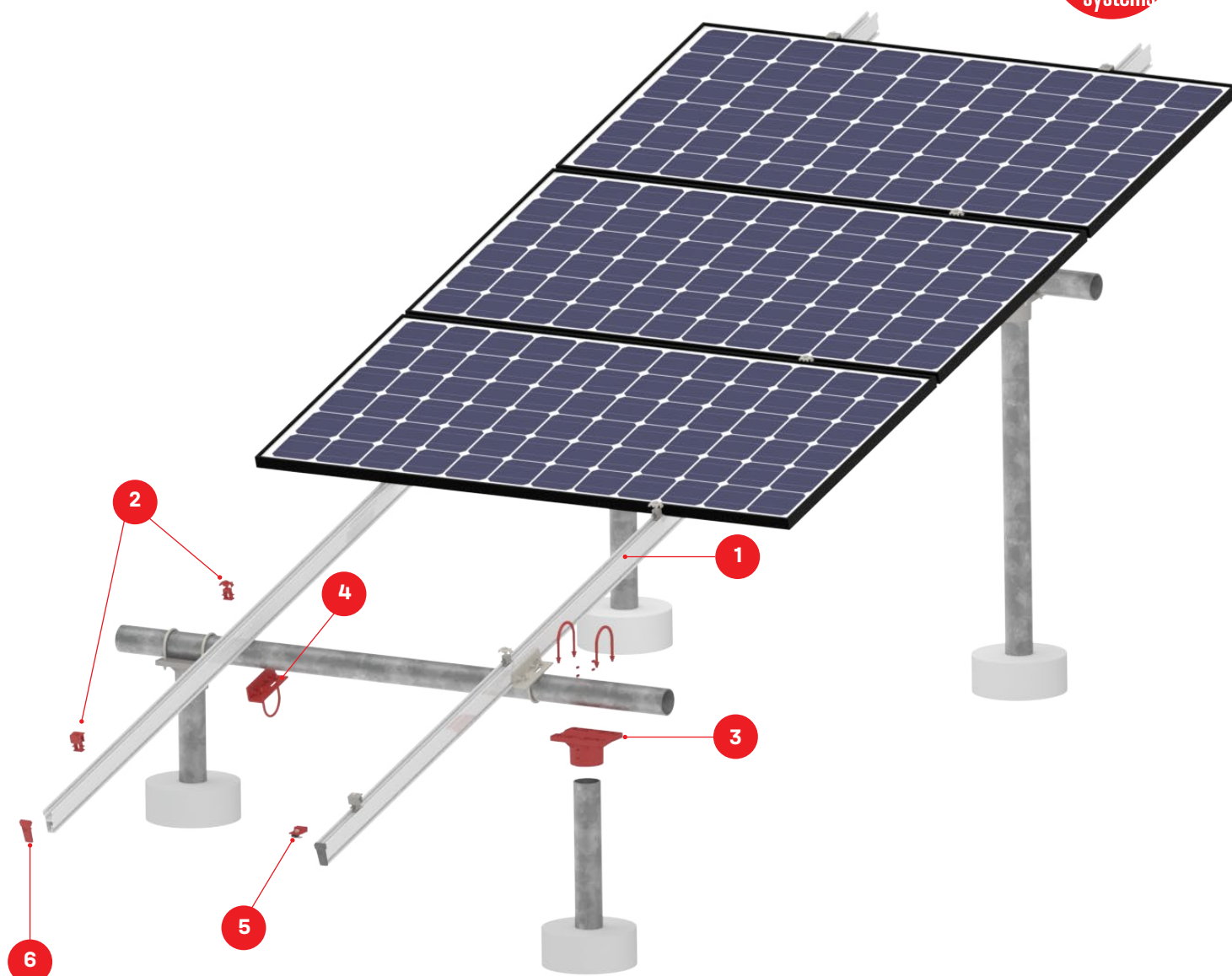


PRODUCT FEATURES



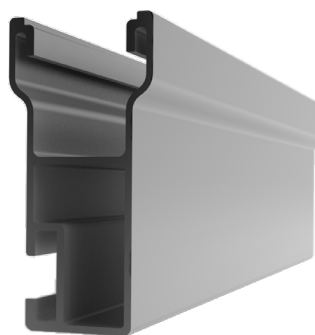
- / High quality, German-engineered system optimized for residential installations
- / Pre-engineered system
- / Higher power density with 5 modules in landscape orientation
- / 5-35 degree tilt
- / 0-70 psf snow
- / 90-160 mph wind
- / Helical piles, ground screws, ballast options & concrete footings

TECHNICAL DATA



Item No.	Description	Part No.
1	CrossRail 80, Mill	4000708, 4001370
2	K2 Cross Clamp	4000135-US, 4000145-US
3	GM Residential Top Cap 3", Kit	4000198
4	K2 Pipe - Bracket Kit	4000175 - 3"
5	K2 Ground Lug, 13mm Hex Set	4000006-H
6	EndCap, Black, CR80	4001221

CROSSRAIL 80



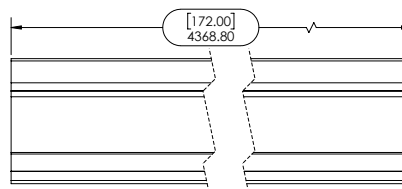
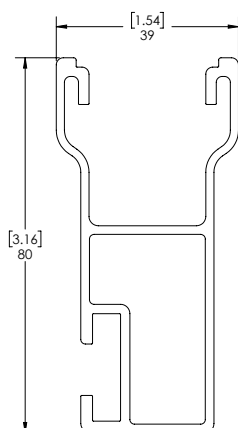
Mechanical Properties

	CrossRail 80
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi (260 MPa)
Yield Strength	34.8 ksi (240 MPa)
Weight	0.76 lbs/ft (1.13 kg/m)
Finish	Mill or Dark Anodized

Sectional Properties

	CrossRail 80
Sx	0.5290 in ³ (8.699 cm ³)
Sy	0.2514 in ³ (4.120 cm ³)
A (Sección X)	0.7770 in ² (5.013 cm ²)

Units: [mm] in



Notes:

- / Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-16.
- / UL2703 Listed System for Fire and Bonding.

Components



CrossRail 80

Part Number	Description
4000708	CrossRail 80 172", Mill
4001370	CrossRail 80 216", Mill



K2 Cross Clamp

Part Number	Description
4000135-US	K2 Cross Clamp Set, Mill, DC 
4000145-US	K2 Cross Clamp Set, Dark, DC 



Yeti Clamp

Part Number	Description
4000050-B	Yeti Clamp 2.0, Set



Top Cap

Part Number	Description
4000198	GM Residential Top Cap 3", Kit



Pipe Bracket

Part Number	Description
4000175	K2 3" Pipe - Bracket Kit



End Cap

Part Number	Description
4001221	EndCap, Black, CR80



Bonding & Grounding

Part Number	Description
4000629-H	CR Microinverter & Opt, 13mm Hex Kit
4000006-H	Everest Ground Lug, 13mm Hex
4000083	MLPE, Module Frame Mount, Kit

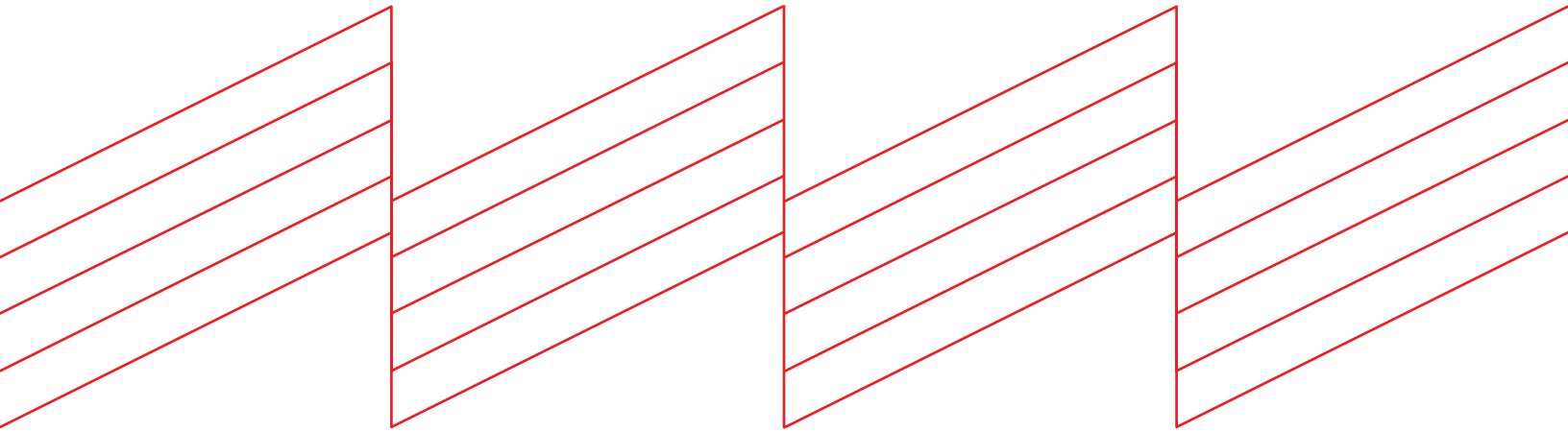


Wire Management

Part Number	Description
4000069	Wire Management Clip, TC
4000382	HEYClip SunRunner Cable Slip SS, S6404
4005394	Wire Mangement Clip, Omega, Black
4000400	K2 4 Wire Dragon Clip



Connecting Strength



K2 Systems, LLC

4665 North Ave. Suite I • Oceanside, CA 92056 •
USA +1.760.301.5300 • infous@k2-systems.com
www.k2-systems.com

CrossRail Ground Mount System Data Sheet V3 | 1024 • Subject to change
Product illustrations are exemplary and may differ from the original.