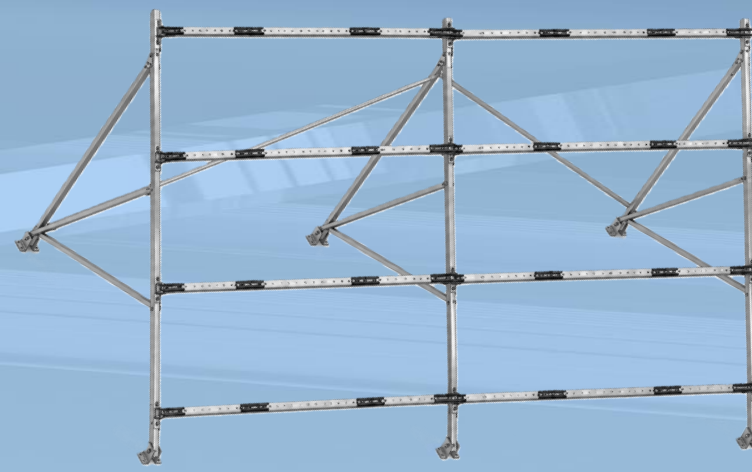
Kinetic Solar Static Ground Mount

K45SGM



Static Ground Mount

The 45° Static Ground Mount is a robust, cost-effective rack built on a high-strength steel frame with integrated aluminum Deckel rail segments. This hybrid design delivers exceptional structural performance with a standardized interface for faster installation, broad compatibility, and long-term durability. Purpose-built for Canadian conditions, it is engineered to perform reliably in demanding climates.

Versatile

Integrated aluminum rails support Kinetic Mid & End Clamps, Ground Lugs, and MLPE mounts, ensuring compatibility with standard components. Accommodating module sizes up to 1136x2470mm, and larger-format modules up to 1305x2386 mm. Engineered for reliable performance across a wide range of climatic conditions throughout Canada.

Material

A-Frame	Steel
Mount Rail	Steel & Aluminum
Hardware	Galvanized Steel
Finishes	Mill Finish Aluminum Hot-dip Galvanized Steel

Optimal Design

Structural steel members provide primary load capacity, while integrated aluminum Deckel rail segments provide a familiar mounting interface. The fixed 45° tilt optimizes energy production, snow shedding and structural capacity. Engineered for a climatic load of (Q1/50) wind load of up to 0.7kPa, snow load of 2.5kPa, and a rain load of 0.4 kPa.

Warranty

The Static Ground Mount is covered by a 25-year limited warranty. See the warranty document for more details.

Certifications

The Static Ground Mount is permit-ready with pre-engineered regional drawings stamped by a local third party professional engineer.

Easy Install

Integrated aluminum Deckel rails enable efficient installation using standard Kinetic components. Predrilled holes and datums facilitate a quick installation, minimizing on-site labor.

C US
274725

UL 2703
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Kinetic
SOLAR RACKING AND MOUNTING

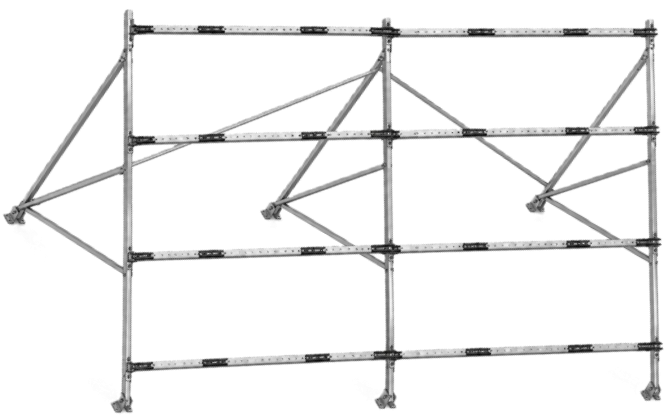
SKU	# A-Frames
K45SGM6P-G	2
K45SGM8P-G	2
K45SGM10P-G	2
K45SGM12P-G	3
K45SGM14P-G	3
K45SGM16P-G	3
K45SGM18P-G	4
K45SGM20P-G	4
K45SGM22P-G	4
K45SGM24P-G	5
K45SGM26P-G	5
K45SGM28P-G	5
K45SGM30P-G	6
K45SGM32P-G	6
K45SGM34P-G	6
K45SGM36P-G	7
K45SGM38P-G	7
K45SGM40P-G	7
K45SGM42P-G	8
K45SGM44P-G	8
K45SGM46P-G	8
K45SGM48P-G	9
K45SGM50P-G	9
K45SGM52P-G	9

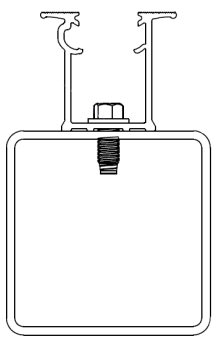
For Modules up to
1136 x 2470 mm

SKU	# A-Frames
K45SGM6P-LG	2
K45SGM8P-LG	2
K45SGM10P-LG	3
K45SGM12P-LG	3
K45SGM14P-LG	3
K45SGM16P-LG	4
K45SGM18P-LG	4
K45SGM20P-LG	5
K45SGM22P-LG	5
K45SGM24P-LG	5
K45SGM26P-LG	6
K45SGM28P-LG	6
K45SGM30P-LG	6
K45SGM32P-LG	7
K45SGM34P-LG	7
K45SGM36P-LG	8
K45SGM38P-LG	8
K45SGM40P-LG	8
K45SGM42P-LG	9
K45SGM44P-LG	9
K45SGM46P-LG	9

For Modules up to
1305 x 2386 mm

45° Static Ground Mount





Rail

Feet

Kinetic Solar

Kinetic Solar is a North America-based manufacturer with 46+ years of experience, recognized within the industry for its ease of installation, quality, and useful features. Kinetic Solar is the trusted choice for any solar system.

The Specifications and key features contained in this datasheet may deviate slightly from our actual products due to ongoing innovation and product enhancement. Kinetic Solar reserves the right to make necessary adjustments to the information described here at any time. We ask that any Kinetic Solar product should be handled by qualified professionals during installation and that all installation instructions are followed as per our installation guide.

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