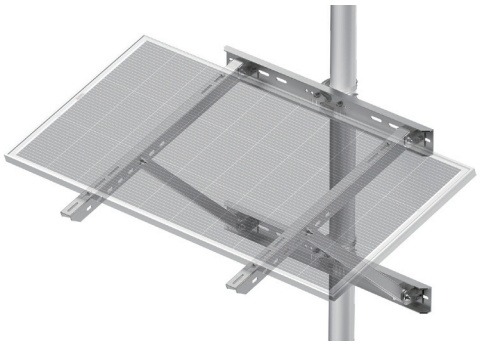
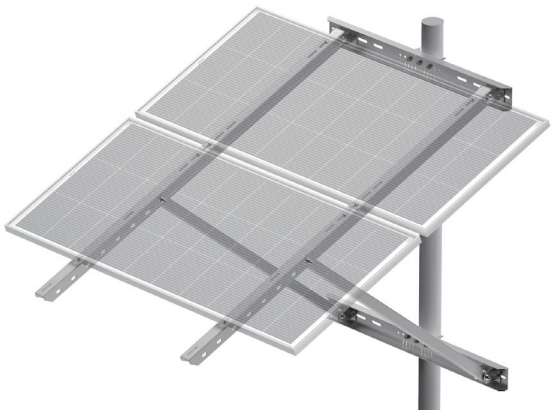
1-800-831-9889
support@richsolar.com
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1900 Mountain Ave, Norco, CA 92860

Solar Panel Side-Mount Bracket Kit

Model: RS-SM01S



Model: RS-SM01D



25°–90° Adjustable Tilt

Designed for 100–250W solar panels, this mounting bracket provides a wide 25°–90° tilt adjustment range, allowing flexible panel positioning to maximize solar exposure. The tilt angle can be adjusted by changing the spacing between the upper and lower crossbars, while adjustable support-arm positions accommodate different panel sizes.

Durable Aluminum Construction

The main structure is made of high-strength 6005-T5 aluminum alloy, combined with 304 stainless steel fasteners and pole clamps for excellent structural strength, durability, and corrosion resistance. The lightweight aluminum construction also makes transportation, handling, and installation easier.

120 mph Wind Resistance

The crossbars, inclined support arms, and braces form a reinforced triangular structure for enhanced stability and reliable panel support. Designed for demanding outdoor conditions, the mounting system can withstand wind speeds up to 120 mph, making it well suited for long-term off-grid and outdoor solar installations.

Easy Pole-Mount Installation

Pre-drilled mounting holes and adjustable mounting positions allow quick and secure installation on standard round poles up to 5 in diameter. The 36.6 in crossbars provide a stable mounting platform, making the bracket ideal for pole side-mount installations in off-grid, remote, and outdoor solar applications.

SPECIFICATIONS

Model	RS-SM01S (Single-Panel)	RS-SM01D (Dual-Panel)
Panel Compatibility	100–250W	
Tilt Angle Range	25°–90°, Adjustable	
Compatible Pole Diameter	Up to 5 in	
Wind Resistance	Up to 120 mph	
Mounting Type	Pole Side Mount	
Main Material	6005-T5 Aluminum Alloy	
Fasteners & Pole Clamps	304 Stainless Steel	
Surface Finish	Anodized Finish	
Crossbar Length	36.6 in	
Overall Dimensions	37.0 × 6.7 × 7.1 in	66.9 × 7.9 × 7.5 in
Net Weight	16.5 lb	24.9 lb
Applications	Off-Grid & Outdoor Solar Systems	

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