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SOLAR MODULE MOUNTING STRUCTURES

ALUMINIUM

2M & 1M MODELS

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MODULE MOUNTING STRUCTURE

ASTERIX provides PV mounting solutions by MMS, a leader in the PV mounting industry for quality designs, durability and a variety of designs for ground, rooftop, and structure mounting systems to accommodate the needs of any type of solar array installation.

Flat Roof Mount

Save time and money with the most revolutionary flat roof mounting solution in the world!
Engineered for flat roof mounting applications, ASTERIX Roof Mount is a non-penetrating solution that can be installed at a rate of 2-3kW per man hour, making it one of the fastest, easiest and most cost-effective solutions on the market today.The configurable design accommodates 0-30 degree module tilt and best of all, requires no ballast blocks or concrete in 90-120 mph basic wind zones.

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Maximum flexibility
Flush, high-profile or low-profile configurations
Roof or ground mount
Pitched or flat roof

Ease of installation
Installer-friendly components
Minimized penetration with longer attachment spans than competitive products
Designed with customer input

Impressively Innovative - Value and Quality
Self ballasting system in 90-120 mph wind zones
Freedom and flexibility accommodates majority of PV modules
Maintains roofing system warranty

Engineered Smart - Assemble, Don’t Build
No field fabrication required
Installs at 2-3 kW per man hour

Strength – Bigger, Fewer, Better
Install with 1socket wrench
Economical aluminium components and stainless steel fasteners.

Faster, Flexible Components
Configurable tilt angles, support 0-30 degrees
Configurable roof touch points
Compatible with off-the-shelf wire management

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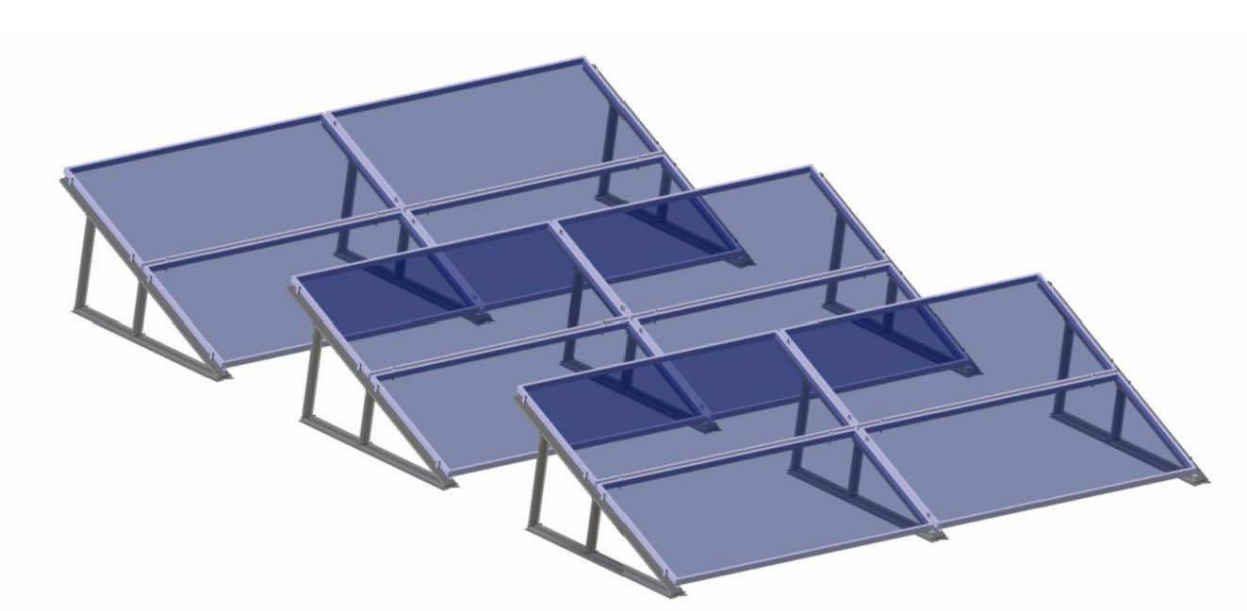
2M – SOLAR MODULE MOUNTING STRUCTURE

TECHNICAL DATA

CONFIGURATION :	AERODYNAMIC DESIGN, TWO MODULE STRUCTURE
INSTALLATION TYPE :	FLAT ROOF / PITCHED ROOF
DESIGN LIFETIME :	20 YEARS
SIZE :	2000 x 1800 MM
MATERIAL :	ALUMINIUM ALLOY - 6063 T6
TILT ANGLE :	0º - 60º (FLAT ROOF) & CUSTOMIZED (PITCHED ROOF)
TRACKER TYPE :	FIXED
DESIGN WIND LOAD :	55 M/S OR 200 KM/HR
DESIGN SNOW LOAD :	1.8 KN/M_2
PANEL TYPE :	ANY TYPE OF PV MODULES
MODULE ORIENTATION :	LANDSCAPE OR PORTRAIT
STRUCTURE :	ANODIZED ALUMINIUM
DISTANCE FROM GROUND TO PANEL :	100 MM
DISTANCE BETWEEN PANEL AIRGAP :	25 MM
TOTAL WEIGHT FOR 1KW :	10 - 12 KGS
MAINTENANCE :	FREE, PANEL CLEANING AS REQUIRED



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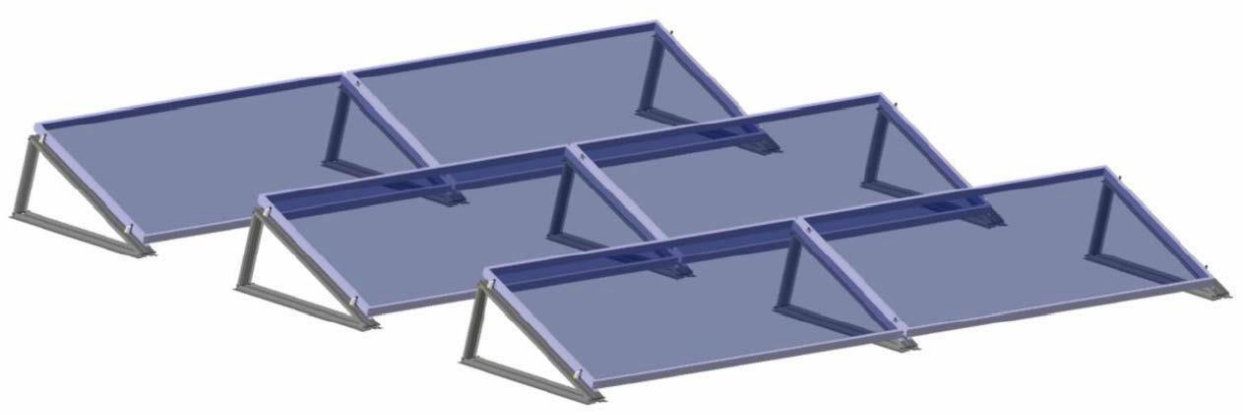
1M – SOLAR MODULE MOUNTING STRUCTURE

TECHNICAL DATA

CONFIGURATION :	AERODYNAMIC DESIGN, TWO MODULE STRUCTURE
INSTALLATION TYPE:	FLAT ROOF / PITCHED ROOF
DESIGN LIFETIME :	20 YEARS
SIZE :	1000 x 900 MM
MATERIAL :	ALUMINIUM ALLOY - 6063 T6
TILT ANGLE :	0º - 60º (FLAT ROOF) & CUSTOMIZED (PITCHED ROOF)
TRACKER TYPE :	FIXED
DESIGN WIND LOAD :	55 M/S OR 200 KM/HR
DESIGN SNOW LOAD :	1.8 KN/M_2
PANEL TYPE :	ANY TYPE OF PV MODULES
MODULE ORIENTATION :	LANDSCAPE OR PORTRAIT
STRUCTURE :	ANODIZED ALUMINIUM
DISTANCE FROM GROUND TO PANEL :	100 MM
DISTANCE BETWEEN PANEL AIRGAP :	25 MM
TOTAL WEIGHT FOR 1KW :	8 - 10 KGS
MAINTENANCE :	FREE, PANEL CLEANING AS REQUIRED



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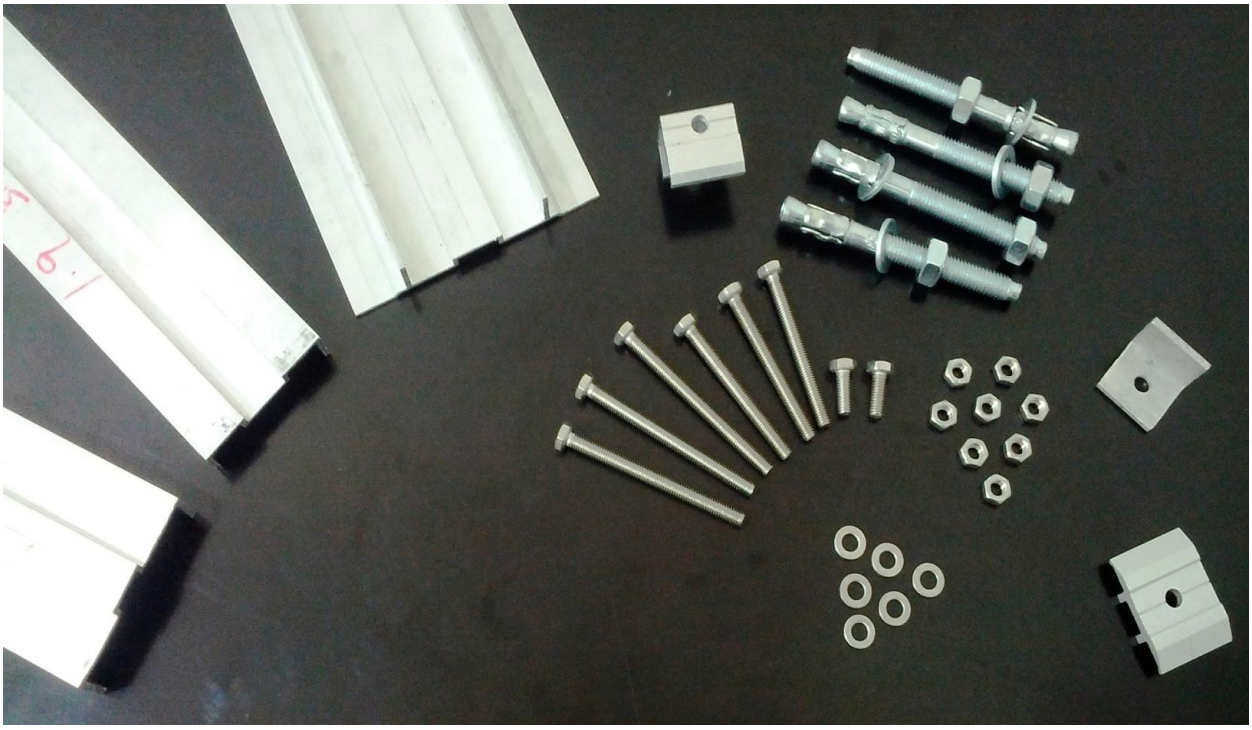
Overview of System Components



MMS ASSEMBLY