M-RACK

BUILDING CONFIDENCE FROM THE GROUND UP



SUMMIT SERIES

DATA SHEET

PRODUCT OVERVIEW

PORTRAIT & LANDSCAPE MOUNTING SYSTEM

Introducing M-Rack's utility-scale ground mount solution.
Designed by experienced solar mounting specialists, it provides the flexibility needed to meet the unique challenges of every project.

With compatibility across multiple foundation types, our system adapts effortlessly to different terrains and site requirements, helping you deliver cost-effective, reliable installations with confidence





PRODUCT FEATURES

01 **Engineered for Flexibility**: The M-Rack ground mount solution is engineered to adapt to site-specific conditions, delivering a tailored, project-specific configuration that optimises performance, efficiency, and ease of installation.

02 **Versatile Foundation Options:** Compatible with a wide range of foundation type - including driven piles, concrete pads, ballast structures, ground screws, and root-based systems to meet diverse geotechnical and environmental requirements.

03 **Safety-Led Engineering & Proven Reliability**: Engineered with a safety-first mindset and backed by comprehensive warranty protection, M-Rack products deliver trusted quality, proven reliability, and long-term performance confidence.

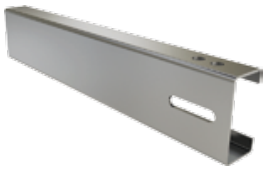
04 **Efficient Sourcing & Reliable Delivery:** Backed by a robust and efficient supply chain, our systems deliver shorter lead times, improved sustainability, and the production capacity needed to support large-scale projects with confidence.

TECHNICAL SPECIFICATIONS	
STEEL TYPES	Zn/Mg Alloy coated steel (S235-S335) EN10025/EN10029
FOUNDATION OPTIONS	Driven pile, concrete pad, ballast, screw, and root systems
PANEL CONFIGURATION	2 panels in portrait, or 4 in landscape
SYSTEM ANGLES	0-60 degree tilt angle
MIN/MAX PANEL DIMENSIONS	Framed, with 30-50mm width
MIN PANEL HEIGHT FROM GROUND	60cm
COATING TYPES	Zn/Mg Alloy coated (DIN EN10346) Hot-dip galvanised (EN ISO 1461)
WIND LOADS	0 to +30 m/s (or as required to meet site specifics)
SNOW LOADS	0 to +5kN/m^2 (or as required to meet site specifics)



COMPONENTS

STEEL COLUMN



- **MR-SC90/MR-SC100/MR-SC120**
  - M12X30 KNURLED BOLT
  - M12 FLANGED NUT
  - M12 WASHER

STEEL BEAM



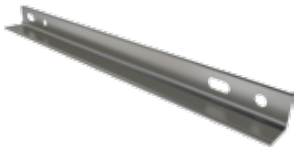
- **MR-SB100/MR-SB120**
  - M12X30 KNURLED BOLT
  - M12 FLANGED NUT
  - M8X30 KNURLED BOLT
  - M8 FLANGED NUT
  - M8/M12 WASHER

STEEL PURLIN



- **MR-SP90/MR-SP110**
  - M12X30 KNURLED BOLT
  - M12 FLANGED NUT
  - M8X30 KNURLED BOLT
  - M8 FLANGED NUT
  - M8/M12 WASHER

STEEL L-BRACKET



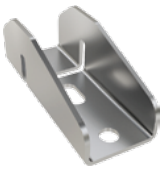
- **MR-CL-40X40/MR-CL-50X50**
  - M12X30 KNURLED BOLT
  - M12 FLANGED NUT
  - M12 WASHER

PURLIN CONNECTOR JOINT



- **MR-PCJ-90/MR-PCJ-100/MR-PCJ-110**
  - M12X30 KNURLED BOLT
  - M12 FLANGED NUT
  - M12 WASHER

PURLIN CONNECTOR



- **MR-PC-40**
  - M8X30 KNURLED BOLT
  - M8 FLANGED NUT
  - M8 WASHER

END CLAMP



- **MR-EC-30/MR-EC-32/MR-EC-40**
  - M8X30 HEX BOLT
  - M8 FLANGED NUT

MID CLAMP



- **MR-MC-70**
  - M8X30 HEX BOLT
  - M8 FLANGED NUT

VS: 1.4 2026

Registered in England & Wa les . Company No. 16956182. 1
Mortimer Street, Floors 2–3, London, W1T 3JA

M-RACK