M-RACK

BUILDING CONFIDENCE FROM THE GROUND UP



ATLAS SERIES

DATA SHEET

PRODUCT OVERVIEW

CARPORT MOUNTING SYSTEM

The Atlas Series makes solar carport installation simple.

Designed by the team behind M-Rack and refined through customer experience, Atlas combines a lightweight structure with a modular design that speeds up installation and reduces site preparation.

With minimal groundworks required, Atlas is perfectly suited to residential parking spaces and other locations where ease of deployment matters.

PRODUCT FEATURES

CARPORT MOUNTING SYSTEM

01 **Modular Design for Flexible Project Requirements**: Developed to simplify solar carport installation, the M-Rack Atlas Solar Carport System features a modular design that can be configured to suit a variety of residential and light commercial applications. Its adaptable layout allows systems to be tailored to available space and project requirements, providing an efficient balance of parking coverage, solar generation, and installation simplicity.

02 **Reliable Vehicle Protection and Long-Term Performance:** Designed to provide dependable shelter for vehicles while generating clean energy, the Atlas Solar Carport System combines a lightweight yet durable steel structure with strong structural integrity. Securely fixed to concrete foundations, the system delivers excellent stability, weather resistance, and long-term performance, ensuring reliable vehicle protection throughout its service life.

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

	TILT ANGLE: 5°
Steal and Coating	S355 + HDG
Foundation	Concrete anchored
Area Coverage	40m² of PV area 29m² of parking area
Tilt Angle	10°
Min/Max. Panel Dimensions	1,333 x 2,278 x 30 - 1,133 x 1,721 x 30mm
Min/Max. Inner Height	2,500 - 3,534 mm
Colour Coating Optional	RAL 9005
Wind Load	<1 kN/m²
Snow Load	<2 kN/m²
Weight	922kg



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Mortimer Street, Floors 2–3, London, W1T 3JA

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