M-RACK

BUILDING CONFIDENCE FROM THE GROUND UP



TITAN SERIES

DATA SHEET

PRODUCT OVERVIEW

CARPORT MOUNTING SYSTEM

Introducing the M-Rack Titan Series Solar Carport System. Designed by experienced solar mounting specialists, Titan combines high-performance solar energy generation with robust, long-lasting vehicle protection.

PRODUCT FEATURES

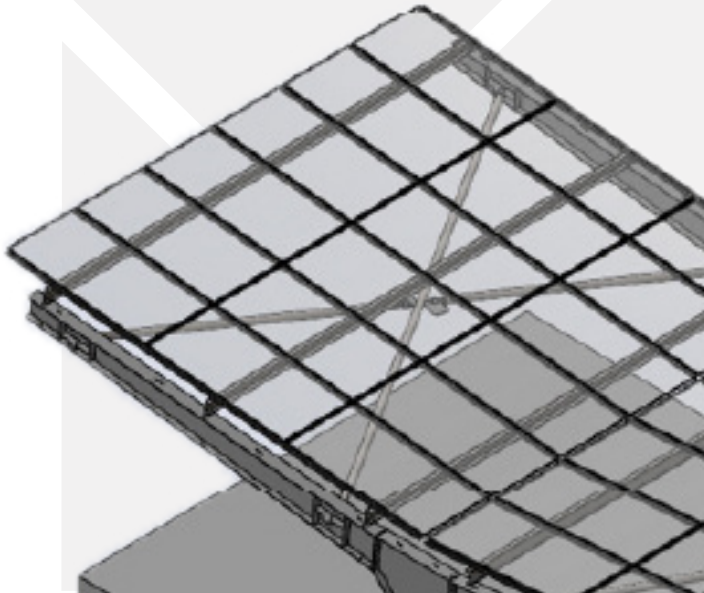
TITAN DUO

01 **Modular system with expansion capabilities** : Designed for commercial-scale applications, the M-Rack Titan Solar Carport System offers a modular, scalable design with expansion options incorporated at installation. This allows each system to be precisely configured to site requirements, optimising coverage, solar output, and installation efficiency.

02 **Reliable Vehicle Protection and Optimised long-term Parking Coverage:** Designed to maximise parking area utilisation, the Titan Solar Carport System provides reliable, long-term protection for vehicles and infrastructure. Fixed securely to concrete foundations, the durable steel structure offers exceptional stability, weather resistance, and a long service life in demanding commercial environments.

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.

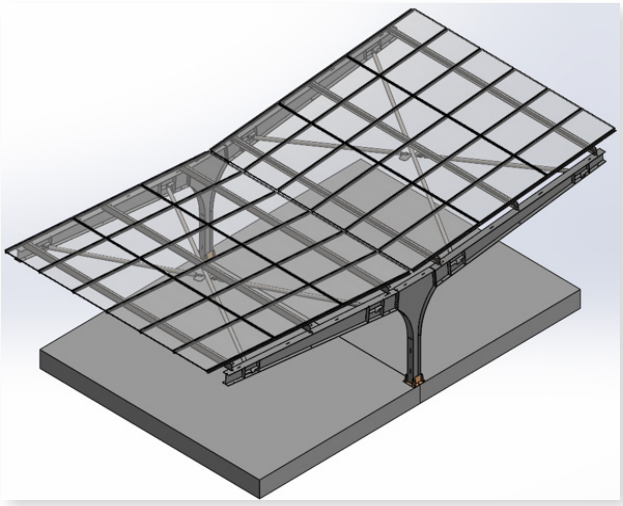
04 **Efficient Sourcing & Reliable Delivery:** Backed by a robust and efficient supply chain, our systems deliver shorter lead times, improved sustainability, and the production capacity needed to support large-scale projects with confidence.



VS: 1.2 2026

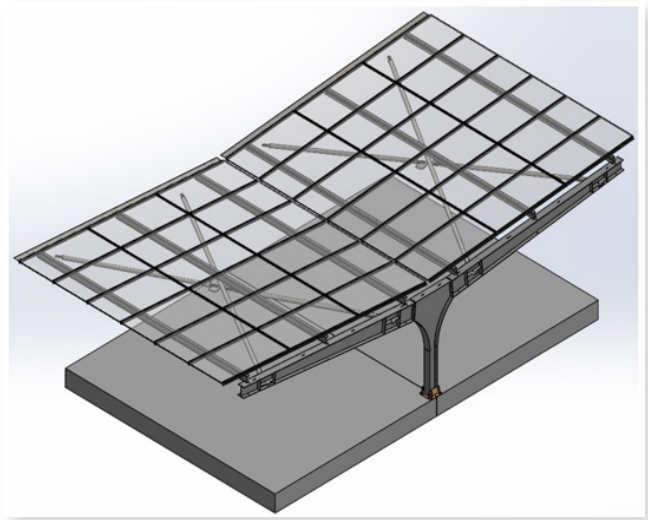
VS: 1.4 2026

Titan Duo
(Main Module)



	TILT ANGLE: 5°	TILT ANGLE: 10°
PANEL POWER (Wp)	455 Wp & 610 Wp	455 Wp & 610 Wp
TOTAL PV PANEL (pcs)	36	36
WEIGHT (kg)	3,342 kg (455 Wp) 4,315 kg (610 Wp)	3,275 kg (455 Wp) 4,248 kg (610 Wp)
DISTANCE BETWEEN TWO COLUMNS (m)	7.2 m	7.2 m
AREA PV PANELS (m^2)	73.54 m^2 (455Wp) 98.94 m^2 (610Wp)	73.54 m^2 (455Wp) 98.94 m^2 (610Wp)
AREA PARKING (m^2)	79.2 m^2	79.2 m^2
MAX. INNER HEIGHT (m)	3 m	3 m
MIN. INNER HEIGHT (m)	2.44 m	2.1 m
MATERIAL	S355+HDG	S355+HDG

Titan Duo
(Additional Module)



	TILT ANGLE: 5°	TILT ANGLE: 10°
PANEL POWER (Wp)	455 Wp & 610 Wp	455 Wp & 610 Wp
TOTAL PV PANEL (pcs)	36	36
WEIGHT (kg)	2,477 kg (455 Wp) 3,014 kg (610 Wp)	2,443 kg (455 Wp) 2,980 kg (610 Wp)
DISTANCE BETWEEN TWO COLUMNS (m)	7.2 m	7.2 m
AREA PV PANELS (m^2)	73.54 m^2 (455Wp) 98.94 m^2 (610Wp)	73.54 m^2 (455Wp) 98.94 m^2 (610Wp)
AREA PARKING (m^2)	79.2 m^2	79.2 m^2
MAX. INNER HEIGHT (m)	3 m	3 m
MIN. INNER HEIGHT (m)	2.44 m	2.1 m
MATERIAL	S355+HDG	S355+HDG