

ELIOS | Carport M9

3P*3 Carport Mounting Structure for 1 Car

Data Sheet



Aluminum Solar Carport System is a waterproof mounting solution designed for both commercial and residential photovoltaic (PV) applications. The system is compatible with a wide range of PV modules and can be custom-engineered to meet specific on-site requirements. Its modular design ensures efficient, straightforward installation. In addition to supporting solar power generation, the carport provides reliable vehicle protection against sun exposure, wind, rain, and snow, combining structural functionality with energy production.

Features & Benefits

-  Safety & Durability - Engineered with load calculations and simulations to withstand extreme wind, snow, and seismic conditions, ensuring long-term safety and reliability.
-  High Waterproof Performance - Built-in water channels provide effective drainage and waterproofing, reducing maintenance costs and extending service life.
-  Fast Installation - Factory pre-assembled components and bolt-based installation save construction time, lower project costs, and simplify maintenance.
-  Modern Industrial Design - Streamlined, modern design with a technological look enhances the parking area's appearance and creates a clean, professional visual impact.

Certifications

EN 1090-3 (EXC2) | EN 1090-1:2009+A1:2011 | CE Marking (CPR 305/2011/EU) | Factory Production Control (FPC) – System 2+ | TÜV Rheinland (Notified Body 0035)

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SPECIFICATIONS

Installation Site	Open Area
Foundation	Concrete foundation
Tilt Angle	15°
Max. Wind Load	55m/s
Max. Snow Load	60PSF
Panel Layout	Portrait 3x3 Modules
Main Material	AL6005-T5 (Anodized) & SUS304
Color	Silver
Rear Entrance Height	2300 mm (90.55 in)
Panel Size	2278*1134*35 mm (89.69*44.65*1.38 in)

PACKAGING INFORMATION

G.W.	385kg (848.79 lbs)
N.W.	285kg (628.32 lbs)
Dimensions	4000*740*800 mm (157.48*29.13*31.50 in)

Applications

- Off-Grid
- Open Areas
- Ground
- Concrete Roof
- Commercial
- Industrial

Warranty

- 10-year limited warranty

Dimensions

