

ELIOS | Carport M15

3P*5 Carport Mounting Structure for 2 Cars

Data Sheet



Aluminum Solar Carport System is a waterproof PV mounting solution designed for both commercial and residential solar projects. Engineered for compatibility with a wide range of photovoltaic module types, the system can be customized to meet specific site conditions and customer requirements. Its optimized structural design ensures fast, straightforward installation and long-term durability. In addition to supporting solar power generation, the carport also provides reliable vehicle protection against sun exposure, wind, rain, and snow.

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 3x5 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.	448kg (987.67 lbs)
N.W.	397kg (875.66 lbs)
Dimensions	4050*1140*860 mm (159.45*44.88*33.86 in)

Applications

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

Warranty

- 10-year limited warranty

Dimensions

