

Aluminium Carports & Parking Shelters

Polycarbonate-roofed aluminium carports in single-side, twin-side and cable-stayed versions.



OVERVIEW

LORLAN carports shelter cars, scooters and bicycles in residential compounds, offices and campuses. An aluminium frame carries a curved roof of solid polycarbonate sheet (520 mm wide roll), with projections of 6,500 mm and above, in three structural versions.

Three structures	Single-side, twin-side and cable-stayed versions.
Polycarbonate roof	Solid polycarbonate sheet, 520 mm wide roll.
15+ year warranty	Warranty of 15 years or more, as stated by the factory.

SPECIFICATIONS

Model	Roof panel	Max. projection	Warranty
Aluminium carport	Solid polycarbonate sheet, 520 mm wide roll	6,500 mm and above	15+ years

MODELS



Single-side carport

One row of posts carries a cantilevered roof.



Twin-side carport

Two rows of posts carry an arched roof over the aisle.



Cable-stayed carport

Tall posts and tie rods hold the roof, leaving the front open.

TWIN-SIDE CARPORT — STRUCTURE



Component	Section (mm)
Solid polycarbonate sheet	2
Upper pressure strip	40 × 4.3 × 1.0
Lower pressure strip	40 × 10 × 1.0 (1.5)
Side rafter	65 × 60 × 1.0 (3.3)
Main gutter	156 × 87 × 2.4 (3.7)
Main beam	110 × 60 × 2.0 (2.5)
Auxiliary side rafter	50 × 40 × 1.0 (1.9)
Gutter	70 × 69 × 0.8 (1.6)
Drainpipe	50 × 1.0

Profile sections from the factory structure diagram; figures in brackets are the maximum material thickness.

TYPICAL APPLICATIONS

Residential compounds · Office parking · Campuses · Scooter & bicycle parking

Specifications from the LORLAN factory data sheet. Product images are design visualisations unless marked as installation photos. © LORLAN Outdoor · <https://loulanhv.com>