

CARPORT CONTINUOUS EAST-WEST

Density Optimal

The densest panel arrangement above parking areas to capitalise on every square meter.



Application	Carport
Module Orientation	Portrait (preferred/cost-effective) and Landscape
Module Layout	Portrait: 3V panels (per side) Landscape: 4H - 5H panels (single access) Custom
Module Inclination	East-West: 0 - 10 degrees
Table Length	Site dependent
Support Spacing	5000mm to 7500mm support spacing available.
Anchoring Method	Chemical anchor, M16 rods, fixations, and typical foundation designs are provided Pre-cast/foundations are not provided
Standards	SANS 10160 - 1 - 7 Structural loading design SANS 10162 - 1, 2 Structural steel design SANS 121 - Hot dip galvanised coatings Eurocode 9 - P1 Design of aluminium structure
Material	Purlins: Aluminium (6063 T6) / (6005 T5) Rafters: Aluminium (6063 T6) / (6005 T5) Columns: Steel hollow sections (SHS) Fixations: Stainless steel (SUS304) *(SUS316) available *Various coatings are available, including anodising, hot dip galvanising, powder coating, and paint.
Local Content	Local content up to 90% if required (project specific)
Warranty	10 years standard

Glossary : (*) Customizable



Array Expanse

Our continuous East-West solar carports structures are engineered for an expansive PV array setup, maximising solar coverage and capacity.



Metallic Fortitude

Engineered for endurance, our aluminum solar carports stand rigid against the test of time and elements.