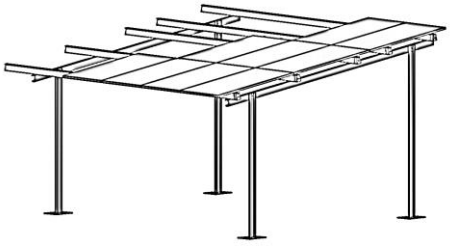
AXE STRUCT



AXE^{CP}

Car Port - Economical

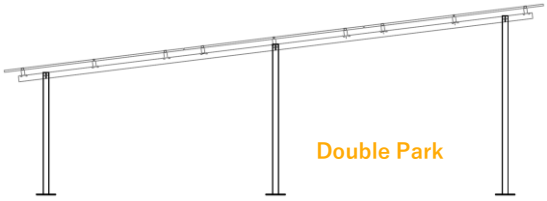
Durable
Hot-dip galvanised steel for the toughest environmental conditions. Optional aluminium rails.

Economical
Cost competitive, functional design with minimal number of tools needed, reducing installation costs.

Trust
Conservative coefficient selections in structural design to assure resistance to failure.

Simplified
Easy installation method with a practical integrated solution for any environment.

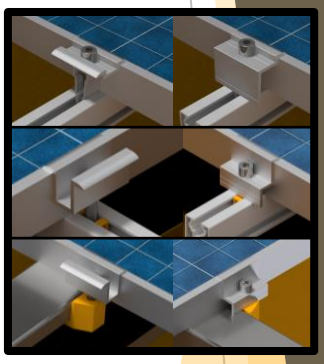
Single Park



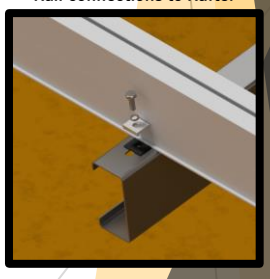
Double Park

Additions	Cable trays along rails and cable clips to panel frames End caps for rails Diagonal support to upright posts to reduce foundation moments		
Sway prevention	Cross brace in selected bays Available in either cables or angles		
Module layout		Single:	Double:
	Landscape / Horizontal:	Up to 6 high	Up to 12 high
	Portrait / Vertical:	Up to 3 high	Up to 6 high
Module inclination	5° to 10° angle		
Width and height	Thermal gap within 35 meters increments of table length Lowest panel at maximum 3.2 meters Per post height customisable to accommodate terrain variations		
Support spacing	2 park bays (up to 5.4 meters) End overhang of up to 2.1 meters		
Foundation	Footplates connected to casted threaded rods Posts casted into reinforced concrete Ground screws connected to footplates		
Standards	Eurocode 1 / SANS 10160	Structural design	
	Eurocode 3 / SANS 10162	Structural use of steel	
	ISO 1461	Hot dip galvanized coatings	
	Eurocode 9	Design of aluminium structure	
	Eurocode 7 / SANS 10400	Foundation design	
Materials	Support rails (Selection)	Extruded aluminium (6063 T6) or Hot-dip galvanised lipped channels (S355)	
	Rafters and Upright posts	Hot-dip galvanised lipped channels (S355)	
	Small parts	Hot-dip galvanised steel (8.8) Stainless steel (A2) Extruded aluminium (6063 T6)	
Certification	ISO 9001		
Warranty	10 years [1]		

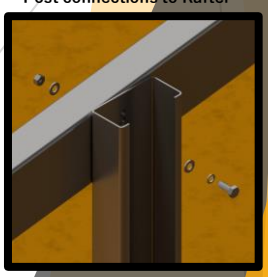
Clamp connection



Rail connections to Rafter



Post connections to Rafter



[1] For terms and conditions please refer to the Axe Struct Warranty Terms.