



PV SOLAR CARPORT MOUNTING STRUCTURE SOLUTION GALVANISED STEEL

The Valsa Solar Carport has a dual purpose in that it combines the harvesting of photovoltaic power with the need for shade and protection for staff and visitor vehicles. It can also incorporate LED lighting and solar charge stations for electrical cars.

The PV Solar Galvanised Steel carport mounting solution is cost effective, with its substructure in Galvanised Steel and the top section in Aluminium or optional in Galvanised Steel. This flexible design is easy to assemble with no welding or cutting required on site.

The structure has been designed and manufactured to SABS standards and is in line with SANS regulations. The carport mounting structure solution is ideally suited for constant exposure to the harsh African weather conditions.

CHARACTERISTICS

Versatility	<ul style="list-style-type: none"> • Flexible design for improved PV Solar performance suitable for all types of car parking areas and site conditions • Utilises parking space for power harvesting
Design	<ul style="list-style-type: none"> • Design is architecturally and aesthetically pleasing
Flexible	<ul style="list-style-type: none"> • Flexible custom-made designs in either one row of 5 or 6 for a single row double bay application or in rows of 11 panels for nose to nose car parking configuration • Quick and easy installation with no welding or cutting required on site
Cost Effective	<ul style="list-style-type: none"> • Cost-effective PV solar carport solution
Tools	<ul style="list-style-type: none"> • Uses standard components, bolts and nuts
Project design	<ul style="list-style-type: none"> • Meets structural engineering requirements
Long life span	<ul style="list-style-type: none"> • The solution offers long life span, durability and incorporates long live PV solar panels
Maintenance	<ul style="list-style-type: none"> • Minimum maintenance is required

SPECIFICATIONS

Material	<ul style="list-style-type: none"> • Galvanised Steel fixing components for the Galvanised structure with Galvanised or Aluminium rails for the PV panel mounting
Roof tilt	<ul style="list-style-type: none"> • Additional tilt for better performance
Components	<ul style="list-style-type: none"> • Galvanised Steel, Aluminium and Stainless Steel, depending on material used
Certification	<ul style="list-style-type: none"> • Meets SABS standards and is in line with SANS regulations
Warranty	<ul style="list-style-type: none"> • 10 years

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Valsa South Africa
Laser Park, Erf. 115 Battleship Road,
Cnr Boat Turn Road, Honeydew,
Gauteng, 1724, South Africa
Tel +27 (0) 11 794 1306 |
+27 (0) 61 288 2572 | +27 (0) 84 235 5282
E-mail info@valsa.co.za
www.valsa.co.za

Valsa Kenya
Casa Moko Plaza, North Airport Road,
Eastern Bypass, Nairobi
Tel +254 724 919 571
E-mail info@valsa.co.ke
www.valsa.co.ke

Valsa Zimbabwe
22 Kent Road, Chisipite,
Harare, Zimbabwe
Tel 00263772283889 | 0771539301
E-mail george@valsa.co.zw
www.valsa.co.zw