



MetSolar® Carport **GULLWING**

The **MetSolar solar carport range** has been expertly engineered to maximise space, installation speed and cost. Utilising the industry leading span between foundations of upto 15m; leads to almost half the amount of foundations required compared to the industry norm, thus saving on time and cost.

TURN YOUR CAR PARK INTO A SOLAR POWER PLANT

All **MetSolar carport** designs utilise a steel inter-module guttering system to provide water-proofing, which also forms the connection point for the modules using the game changing Vespr clips; these clips allow a **fast and simple screw-less installation** of modules, and incorporate **anti-vibration and grounding into one simple part**.

MetSolar carports are available with a selection of different foundation options to choose from, so you can be certain maximum strength will be achieved.

MetSolar carports are structurally verified by the **SCI (Steel Construction Institute)** meaning you are guaranteed a structure that will be solid and reliable within the public domain. Thanks to the partnership with **ArcelorMittal** all the steel used in a **MetSolar carport** is of the highest quality and offers the very best in corrosion protection too.



Construction
Metal Forming

MetSolar® Carport GULLWING

Application	Commercial and Industrial
System configuration	Double parking row
Panel configuration	6 in portrait ¹
Panel lengths (Min-Max)	1940mm - 2470mm
Panel clamping options	Vespr Clip ²
System angles	10° degrees
Minimum height	2.5m
Bay size	Stand alone 15m, Multi bay 12.5m
Max Table length	80m
Max Ground inclination	5° degrees
Foundation options	Spirafix anchors ³ , Helical piles ⁴ , Concrete ⁵
Material specifications	S450 grade steel, ZM310 & ZM800 coatings direct from ArcelorMittal
Corrosion resistance	Category C3 or C4 possible
Wind peak velocity	0.55Kn/m ²
Snow loads	Zone 3 (Higher snow loads need prior calculation)
Warranty	25 years structure & design life (A longer Warranty is available on request)
Design codes	BS EN 1991-1-3, BS EN 1991-1-4, BS EN 1090, BS EN 1990, BS EN 1993-1-3, BS EN 1993-1-8. Together with the relevant UK National Annex.
Additional features	All steel guttering ⁶ Pre-punched lifting holes for easier handling onsite ⁵ Numbered components for easy assembly
Optional extras	EV charger mounting ⁷ Inverter mounting plate ⁸



1. 6 in portrait Panel configuration



2. Vespr Clip



3. Spirafix anchors



4. Helical piles



5. Concrete foundation



6. All steel guttering



7. EV charger mounting



8. Inverter mounting plate



For further information please contact **MetSolar**:

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