

Product Type Ground PV Mounts



GM-Carport ground solar PV mounting system

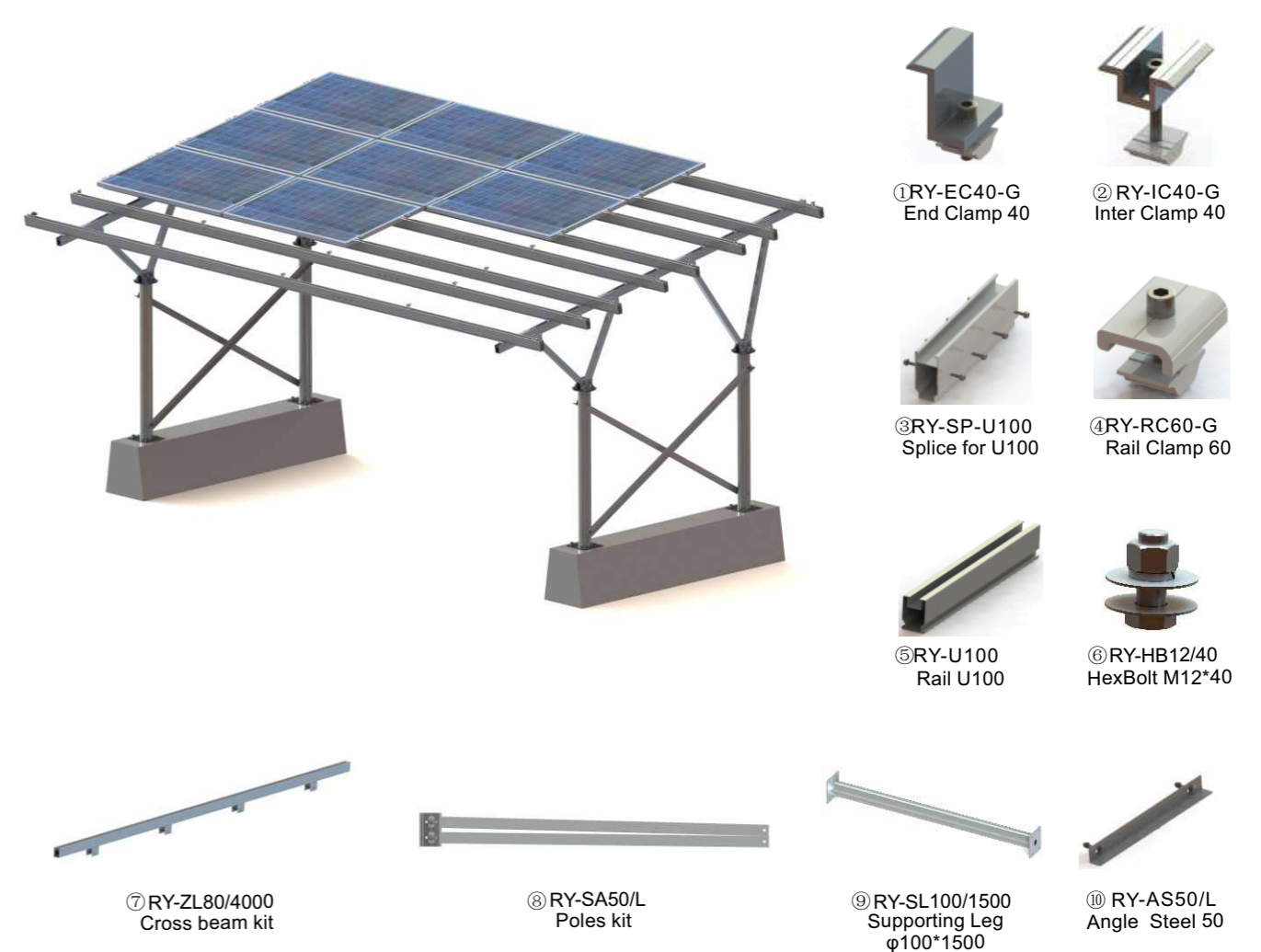
Introduction

GM-Carport ground solar PV mounting system is designed for outdoor carport application. It suits to concrete foundation. This system uses 100 percent high-strength aluminum structural parts which leads to good features of good corrosion resistance, light weight, high strength and delicate appearance. Poly-post assure the high strength of the whole structure. Pre-assembled post and bases improve the installation efficiency, saving time and labor cost.

Technical Data

Design standard: JIS C8955:2011	Installation site: outside parking
Max. wind resistance:42m/s	Applicable panels: framed or unframed
Max. anti-snow load capacity: 2.0KN/m <sup>2</sup>	Modules direction: portrait or landscape
Installation angle range: 5° ~30°	Rail material: Al6005-T5
Span range: 2.8m~6.0m	Bolts& nuts Material: SUS304
Base positioning tolerance: ±20mm	Supporting Leg material: hot galvanized Q235B
System installation angle deviation: ±2°	Warranty: 10 years

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Main Features

Compatibility:	Suitable for different specifications of PV modules, and the modules can be applied in different ways of arrangement, enabling random swap.
Safety and reliability:	With consideration to the load-bearing, wind, earthquake and other factors, and with rigorous calculation and testing the structure ensures safety and reliability.
Easy installation:	Most components are pre-assembled in factory, saving time and labor cost for project installation.
Flexibility and adjustability:	Considering of probable construction deviation, the structure is cleverly designed with a flexible regulatory function. The system foundation position errors can be solved by the unique structure of the regulatory function, reducing the difficulty of construction.