



# BALLASTED MOUNTING SYSTEM

**No Penetration**

## Introduction

GS Ballasted Mounting System is a highly engineered solution that secures the array without damaging the flat roof. It is compatible with the usual framed modules and typically does not require roof penetrations. Made of lightweight and strong aluminum construction, the GS ballasted solution components are pre-assembled and pre-cut to prevent corrosion and save your installation time and labor cost.

## Benefits

### Easy Installation

D-module can be put into GD Rail from any position. so the parts can be pre-assembled on factory to save your install time on site.

### Flexibility and Compatible

GD Rail and its accessories can be installed with the most solar panels on the difference condition.

### Safety and Reliability

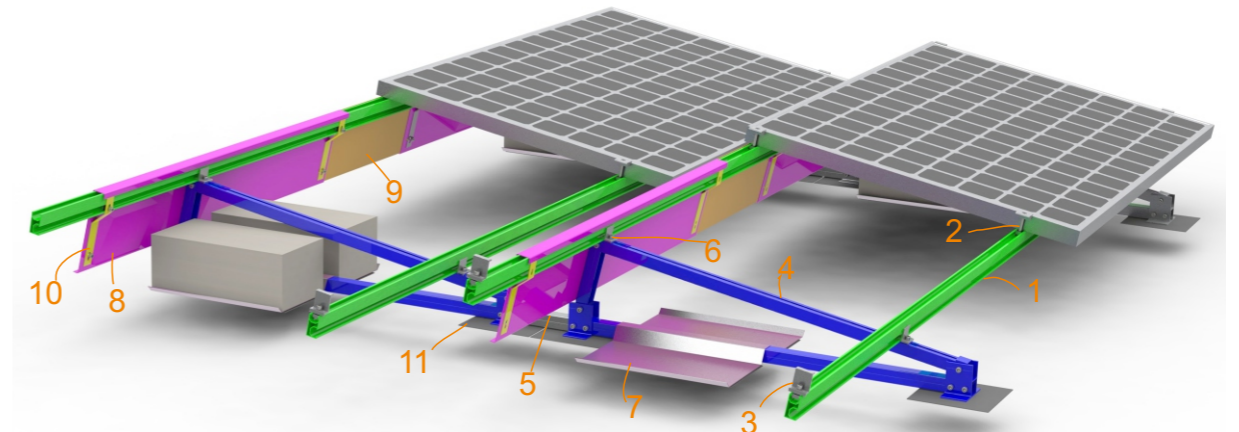
The racking systems can stand up to the extreme weather complied with the AS/NZS 1170 and other international structure load standards by skilled engineers. The main support components have also been tested to guarantee its structure and load-carrying capacity.

## Technical Information

Install Site	Low profile roof or open field
Tilt Angle	10deg, 15deg, 20deg
Building Height	up to 20m
Max Wind Speed	up to 60m/s
Snow Load	up to 1.4KN/m <sup>2</sup>
Standards	AS/NZS 1170 & DIN 1055 & Other
Material	Aluminum alloy & Stainless Steel
Color	Natural
Anti-corrosive	Anodized
Warranty	Ten years warranty
Duration	More than 20 years

# COMPONENTS

## System Overview



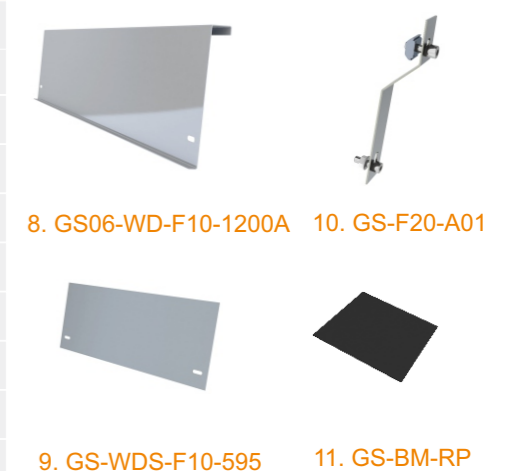
## Project Example

Solar Panels Size:	1650*992*46mm	Installation Site:	Flat Roof
Tilt Angle:	10 Deg	Wind Speed:	Normal
Unit Array:	2*2 (4 pcs panels)		



## Components list

Item No.	Description	Qty	Material
GS-DR-3370	GD Rail 3370mm	4pcs	Al6005-T5
GS-IC-F46	Inter Clamp Kit 46	4pcs	Al6005-T5
GS-EC-F46	End Clamp Kit 46	8pcs	Al6005-T5
GS-BM-TS-10	BM Tri-Bracket Kit 10deg	4pcs	Al6005-T5
GS-BM-CT-450	BM Connect Tube 450mm	2pcs	Al6005-T5
GS-RC-01	GD Rail Clamp with Nut	8pcs	Al6005-T5
GS-BP-200	Ballasted Pan 200mm	8pcs	Al5052-H24
GS06-WD-F10-1200A	WD 10Deg Plate 1200mm	4pcs	Al5052-H24
GS-WDS-F10-595	WD 10Deg Splice 595mm	2pcs	Al5052-H24
GS-F20-A01	WD Plate Support A01	8pcs	SUS304
GS-BM-RP	Rubber Pad 200/200	24pcs	NBR



Feature: Fasten all is SUS A2-70, Package is on the request.