



## OVERVIEW

The commercial waterproof carport solar mounting system can not only create shade and shelter for vehicles from the sun and rain, but also generate valuable electricity for business.

It is an advanced solution for parking lots in supermarkets, airports, factories and so on. It can utilize existing parking areas to generate power without sacrificing valuable real estate.

## FEATURE

- a. Effectively use of the space while generating electricity
- b. Heat isolation and economics for commercial or industrial use
- c. Fully waterproof design for framed modules installation
- d. Expandable capacity to meet different needs

## SPECIFICATION

### System Name

Aluminium Waterproof Carport - Commercial

### Tilt Angle

10°

### Wind Load

30m/s

### Snow Load

2.0KN/m<sup>2</sup>

### Applicable Solar Module

Framed

### Panel Layout

Portrait

### Minimum Ground Clearance

3 000 mm

### Material

AL6005-T6 & SUS304


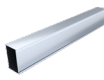




### Color

Black

### Warranty

10-year



Description		Basic Package	Extension Package	Description		Basic Package	Extension Package	Description		Basic Package	Extension Package
	End Clamp Kit	12	0		Rail 5000 mm	12	0		Pole 3512 mm	6	1
	Mid Clamp Kit	90	18		Rail 3750 mm	4	0		Pole 1620 mm	6	1
	Top Cover	15	3		Rail 3500 mm	0	4		Pole 2983 mm	6	1
	Water Guide W Rail	17	4		Rail Splice	12	4		Pole 1479 mm	6	1
	Rubber String	32	6		Rail Clamp	96	16		Pole 1117 mm	6	6
	Water Guide Gutter	32	6		Beam	6	1		Base Foot	18	3
	W Rail Clamp	136	32		U Base	18	3		Anchor Bolts	8	12
	Rail Cap	8	0		M12 Hex Bolts	24	4				
	Beam Cap	12	2		M14 Hex Bolts	30	5				





## OVERVIEW

The residential waterproof carport solar mounting system is one of the advanced solutions for home owners to use their spaces efficiently, because the systems don't require extra surface on the ground or the roof.

It is an ideal solution for energy production. Besides, they bring maximum convenience by providing cool, shady parking spaces in summer & also protection during rainy days. They can become charging stations for electric bicycles, scooters and cars.

## FEATURE

- a. Effectively use of the space while generating electricity
- b. Heat isolation and economic for residential use
- c. Fully waterproof design for framed modules installation
- d. One parking structure, many benefits

## SPECIFICATION

### System Name

Aluminium Waterproof Carport - Residential

### Tilt Angle

10°

### Wind Load

30m/s

### Snow Load

2.0KN/m<sup>2</sup>

### Applicable Solar Module

Framed

### Panel Layout

Portrait

### Minimum Ground Clearance

2 500 mm

### Material

AL6005-T6 & SUS304



### Color

Black

### Warranty

10-year



Description		9-Panel	15-Panel	Description		9-Panel	15-Panel	Description		9-Panel	15-Panel
	V-Drainage Rail	4	6		Rail L=3750mm	7	0		Bracing L=1419mm	2	2
	Supporting Base	16	24		Rail L=5000mm	0	7		Bracing L=1522mm	2	2
					Rail L=1050mm						Bracing L=1798mm
	Top Cover	8	12		Rail Splice	0	4		U Base	8	8
	Mid Clamp Set	24	36		Rail Clamp	56	56		M12x140	8	8
	Rubber String	6	10		Beam L=5300mm	2	2		Bottom Base	4	4
	Transverse U-shaped Water Chute	6	10		Post L=2459mm	2	2		M12x130	12	12
	Pole L=5300mm	2	2		Post L=2893mm	2	2		Anchor Bolt	8	8
	Earthing Clip	24	36		Bracing L=1170mm	2	2				