

# PV-ezRack Carbon Steel Carport

PV-ezRack Carbon Steel Carport is a versatile, economical parking system for commercial ground-mounting installations. The Carport is manufactured from hot-dip galvanized steel to ensure reliable corrosion resistance in all kinds of natural environments. The modularized design enables easy adjustment and arrangement of the system for single, double or row carports. The professional design ensures system stability. With a concrete foundation, the system is suitable for every soil type and a wide range of applications.



## Main Benefits

### Economical and practical

The entire system is made of carbon steel for a simple parts manufacturing process. The system is both economical and practical.

### Supply convenience

The Carport features robust products, quick prep time, a short delivery cycle and easily transportable packaging.

10 Year  
Warranty\*

Utility

Commercial

Available  
accessories

Cable clips

# PV-ezRack Carbon Steel Carport

**D-260/240**



**PV-ezRack Solar carbon steel Carport**

- Leg 2374mm, 2374\*260\*240
- Leg 1989mm, 1989\*260\*240

**RT-80/60/2205**



**Rectangular Tube**

- Rectangular Tube, 80\*60\*T3\*2205

**R-C80/40/K**



**C-Steel 80\*40\*5070 kit**

- C-Steel ,80\*40\*15\*T2.5\*5070

**ER-R-C60/40**



**C-Steel**

- With a standard length of 2570mm 3580mm

**ER-SP-C41/52**



**Splice for C-Steel Rail**

- Splice for Steel Rail, for C-Steel 60\*40
- Hexagon Socket Head Cap screw, M8\*25
- Plain washer large, M8\*24
- Washer 8
- Hexagon Nut M8

**AS-100/63/280**



**Angle supporter**

- Angle supporter 100\*63\*280\*T6
- Hexagonal bolt M10\*35 (Hot dip galvanizing)
- Flat washer M10 (Hot dip galvanizing)
- Hexagon nut M10 (Hot dip galvanizing)
- washer 10mm (Hot dip galvanizing)

**R-C140/T4/5415**



**C-Steel**

- C-Steel 140\*70\*T4\*5415

**ER-EC-N50**



**End Cap for Portrait Waterproof Bar**

- End Clamp 50, L40
- Hexagon Socket Head Cap screw M8\*25
- Washer 8
- Plain washer large 8\*24
- Hexagon nut M8

**ER-IC-N48/50/U18**



**PV-ezRack Inter Clamp, nut series**

- U18-Inter Clamp,L40
- Washer 8mm
- Hexagon Socket Head Cap screw M8\*60
- Plain washer large 8\*24
- Hexagon nut M8

**ACS-180/100/T4**



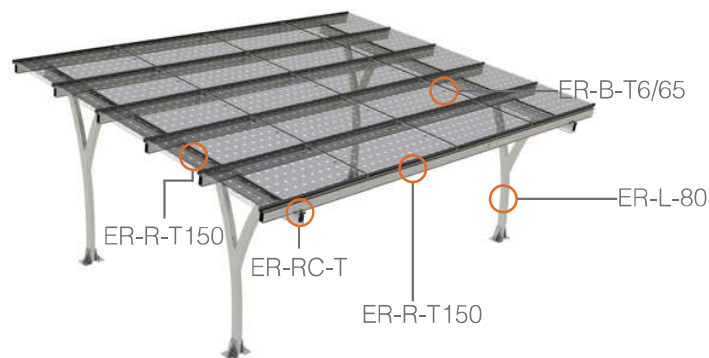
**Back up pad**

- Back up pad 180\*100\*T4

# PV-ezRack Carport I / II

The Universal Ground Mounted Solution

PV-ezRack Carport I / II is a universal ground mount PV-mounting system for landscape orientation, which provides covered parking for vehicles, primarily cars, etc. The advanced design incorporates adaption to high wind and snow loads, waterproofing and cost reduction at the same time. Patented aluminum base rails, Z-module technology and rail splicing eliminate on-site cutting and enable particularly fast installation. The unique design of Y post and covering make carport I / II very eye-catching.



## Main Benefits

### Customized solution

We offer customized solution for PV-ezRack Carport I / II. One-car span or two-car span can be selected.

### Innovative design

The design highlight--Y post, simple and graceful, makes it easy for parking and walking. The space utilization is maximized while saving substantial installation cost and time. The smart structural design in T-rail and main support beam enables modules sliding into the rails for easy installation.

### Waterproof function

Unique waterproof function shelters the cars from rain and enables people to walk under the carport.

### Maximized Compatibility

Designed as a universal mounting system, PV-ezRack Carport I / II is applicable to most framed solar modules on the market.

### Strict quality control

Clenergy conducts strict quality management and control of selection, purchasing and production process, to guarantee structure strength and service life of system are optimal.

10 Year  
Warranty\*

Utility

Commercial

Available  
accessories

Cable clips  
Rail and Girder cap

# PV-ezRack Carport I / II

## ER-R-T150



### PV-ezRack T-Rail

- Aluminum profile of T Rail 150\*91\*2300
- Aluminum profile of T Rail 150\*91\*2360
- Aluminum profile of T Rail 150\*91\*4200

## ER-SP-T150



### PV-ezRack Splice for T-150Rail

- Splice for T-150 Rail 125.5\*57.2\*500
- Corrugated Shim 60\*6\*500
- Sharp-Point wood screw ST6\*32

## ER-B-P5105

( Carport II )



### Waterproof Bar-Portrait 5105

- Waterproof Bar-Portrait 32\*11.5\*5105
- Rubber for Waterproof Bar 6.8\*3.9\*5200

## ER-B-L



### Waterproof Bar-Landscape (with Bushing)

- Waterproof Bar-Landscape 43\*42\*1623
- Waterproof Bar-Landscape 43\*42\*1637
- Rubber for Waterproof Bar 6.8\*3.9\*1750
- T head bolt M6\*55
- Hexagon nut M6
- Curved spring washer  $\Phi$ 6.7
- Bushing  $\Phi$ 12\*36.5

## ER-B-L/A

( Carport II )



### Waterproof Bar-Landscape

- Waterproof Bar 43\*42\*1623
- Waterproof Bar 43\*42\*1637
- Rubber for Waterproof Bar 6.8\*3.9\*1750
- T-head bolt M6\*55
- Hexagon nut M6
- Curved spring washer  $\Phi$ 6.7

## ER-B-T6/65



### T bolt kit

- T-head bolt M6\*65
- Washer  $\Phi$ 6.5
- Hexagon nut M6

## ER-CC-B/L

( Carport II )



### Cross Connection for Waterproof Bar-Landscape

- Cross Connection for Waterproof Bar 52\*42\*42

## ER-CAP-B/P

( Carport II )



### End Cap for Portrait Waterproof Bar

- End Cap for Portrait Waterproof Bar 32\*12\*15

## ER-CAP-B/LTop

( Carport II )



### Cover for Landscape Waterproof Bar

- Top Cover for Landscape Waterproof Bar 18.4\*10\*1623
- Top Cover for Landscape Waterproof Bar 18.4\*10\*1637

## ER-RC-T



### PV-ezRack Rail Clamp for T-Rail

- ezRack Rail Clamp for T-Rail L50\*30\*11.8
- Z Module L20
- Hexagon socket head cap screw M8\*30
- Washer 8

## ER-B-150



### Main Support Beam

- PV-ezRack composite beam 150\*31.2\*5200

## ER-SP-B150



### Splice for Main Support Beam

- PV-ezRack Splice for beam 80\*40\*200
- Cup head square neck bolts M8\*30mm
- Plain washer 8
- Washer 8
- Hexagon nut M8

## ER-L-80



### PV-ezRack Solar Carport, Post

- Carport post 2250\*936\*80
- Carport post 2529\*936\*80

## ER-D-200



### PV-ezRack Solar Carport, Carport Plate

- Carport Plate 200\*200\*120
- Hexagonal bolt M16\*130
- Plain washer 16
- Washer 16
- Hexagon nut M16