

# Solar Parking • Carport UNO

Product Sheet



Carport UNO - 5 degrees inclination

## Bluetop UNO Solar Carports...

...is a range of standardized carport designs. The innovative structures are the basis for SOLAR PARKING - long lasting low carbon of your parking area. The structures are being supplied as complete kits and solutions for all common PV-modules.

### Innovative product

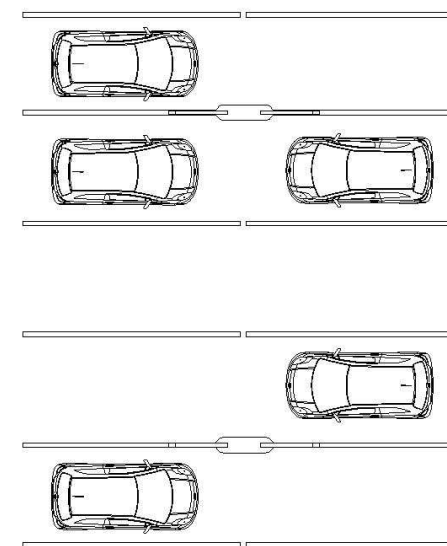
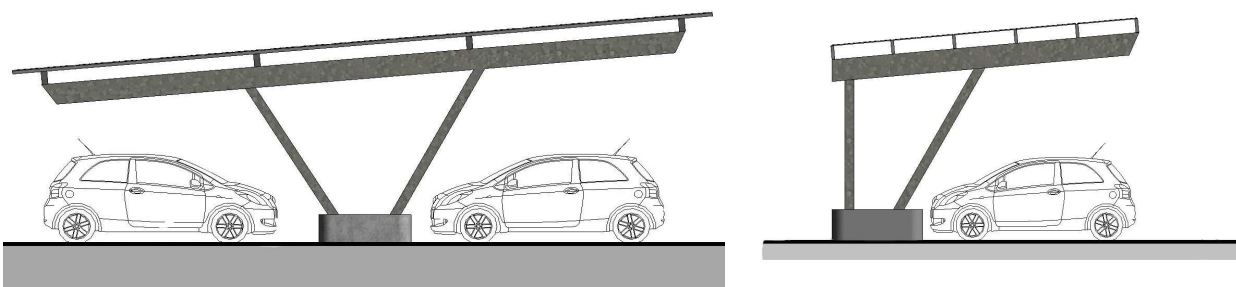
Innovative designs make solar parking affordable and attractive !

### Installation

Easy and fast installation with a light weight construction.

### Materials

Zinc-magnesium in accordance to DIN 55928-8  
Hot galvanized in accordance to EN-1461  
PV-mounting system: stainless steel or aluminium.



Number of purlins depends on solar solution.

- **Length up to 12 meters** - provides uninterrupted access
- **Distance between posts - 7.5/8m**

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Cost Effective Power Parking

Vertical mounting	Configuration				Measurements (mm)				
	Cars <sup>1</sup>	Modules <sup>2</sup>	Layout <sup>3</sup>	kWp	L1	L2	W	H1	H2
UNO 1	5	36	12x3	10.1	12000	7500	5200	2550	2980
UNO 2	10	72	12x6	20.2	12000	7500	10010	2370	3210

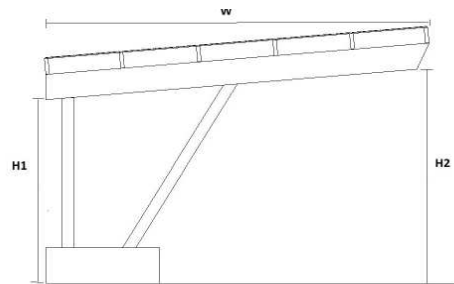
Horizontal mounting	Cars <sup>1</sup>	Modules <sup>2</sup>	Layout	kWp	L1	L2	W	H1	H2
UNO 1	5	35	7x5	10.1	11760	7500	5200	2550	2980
UNO 2	10	70	7x10	20.2	11760	7500	10010	2370	3210

Horizontal, Double glass	Cars <sup>1</sup>	Modules <sup>2</sup>	Layout	kWp	L1	L2	W	H1	H2
UNO 1	5	35	7x5	9.8	11700	7500	5200	2550	2980
UNO 2	10	70	7x10	19.6	11700	7500	10010	2370	3210

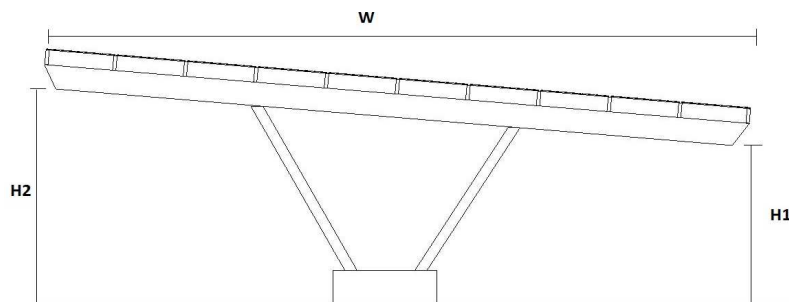
<sup>1</sup> Number of cars is just a guide, based on 2.5m width per car

<sup>2</sup> Figures for solar are based on 60-cells, 280 Wp modules - size: 1680x1000 mm

UNO - 1



UNO - 2



## Structural standards

**Structural construction:** EN 1990:2007, 2. edition, based on EN 1990 A1:2006, DS/EN 1990 A1/AC:2010, EN 1990 DK NA:2013.

**Snow load:** EN 1991-1-3:2007, 2. edition, based on EN 1991-1-3/AC:2009, EN 1991-1-3 DK NA:2012.

**Wind load:** EN 1991-1-4 2007, 2. edition, based on EN 1991-1-4/A1:2010, EN 1991-1-4 DK NA:2010, EN 1991-1-4 DK NA:2010 addition 1:2010, DS/EN 1991-1-4/AC:2010.

**Accident load:** EN 1991-1-7:2007, 2. edition, based on EN 1991-1-7/AC:2010, EN 1991-1-7 DK NA:2013.

**Steel construction:** EN 1993-1-1 + AC:2007, 2. edition, based on EN 1993-1-1 AC/2009, EN 1993-1-1 DK NA:2013

**Pressed steel elements and sheets, additions:** EN 1993-1-3:2007, 2. edition, based on EN 1993-1-3/AC:2010, EN 1993-1-3 DK NA:2013

