

Steel PV Power®

Combine the Power of Steel with the Power of PV!

best for
e-mobility



CAR



VAN



BUS



TRUCK



zinc coating



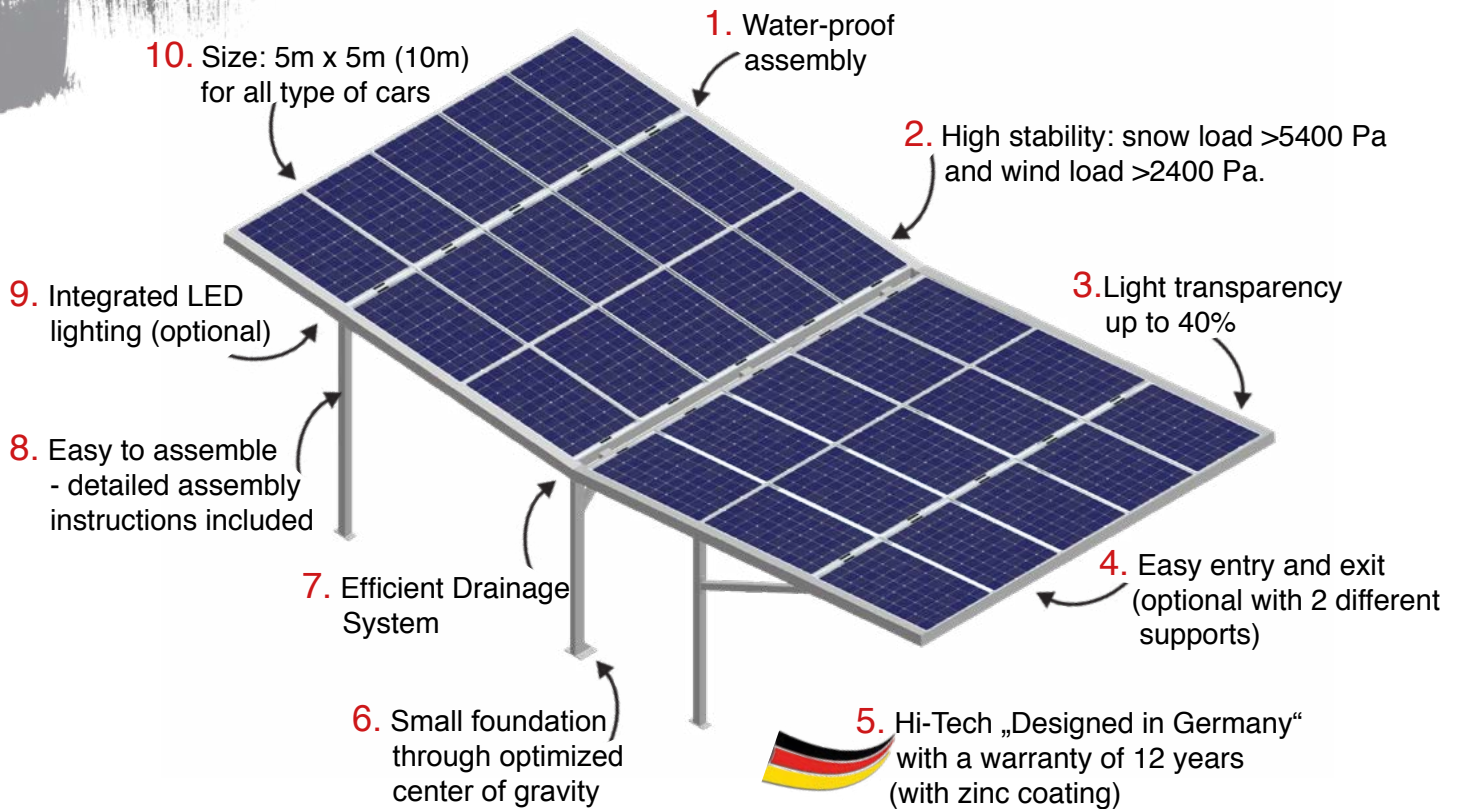
two layer painting

Long-Life Steel Protection:

- 2-layer painting
- or zinc-coating

Ultra Stable Design meets high Power Generation

10 Highlights (USPs) of our Steel PV Power® Carports



Steel Structure

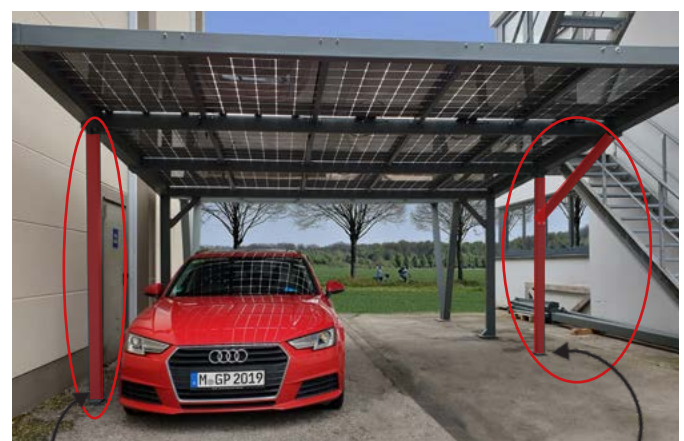
Construction Steel with welded connections.
Two Support Combinations with extra stable screws.

Material Protection

Standard Steel Protection are 2 layers of paint:

1. Rust primer
2. Rust protection
3. Polyuretan finish: RAL 7043

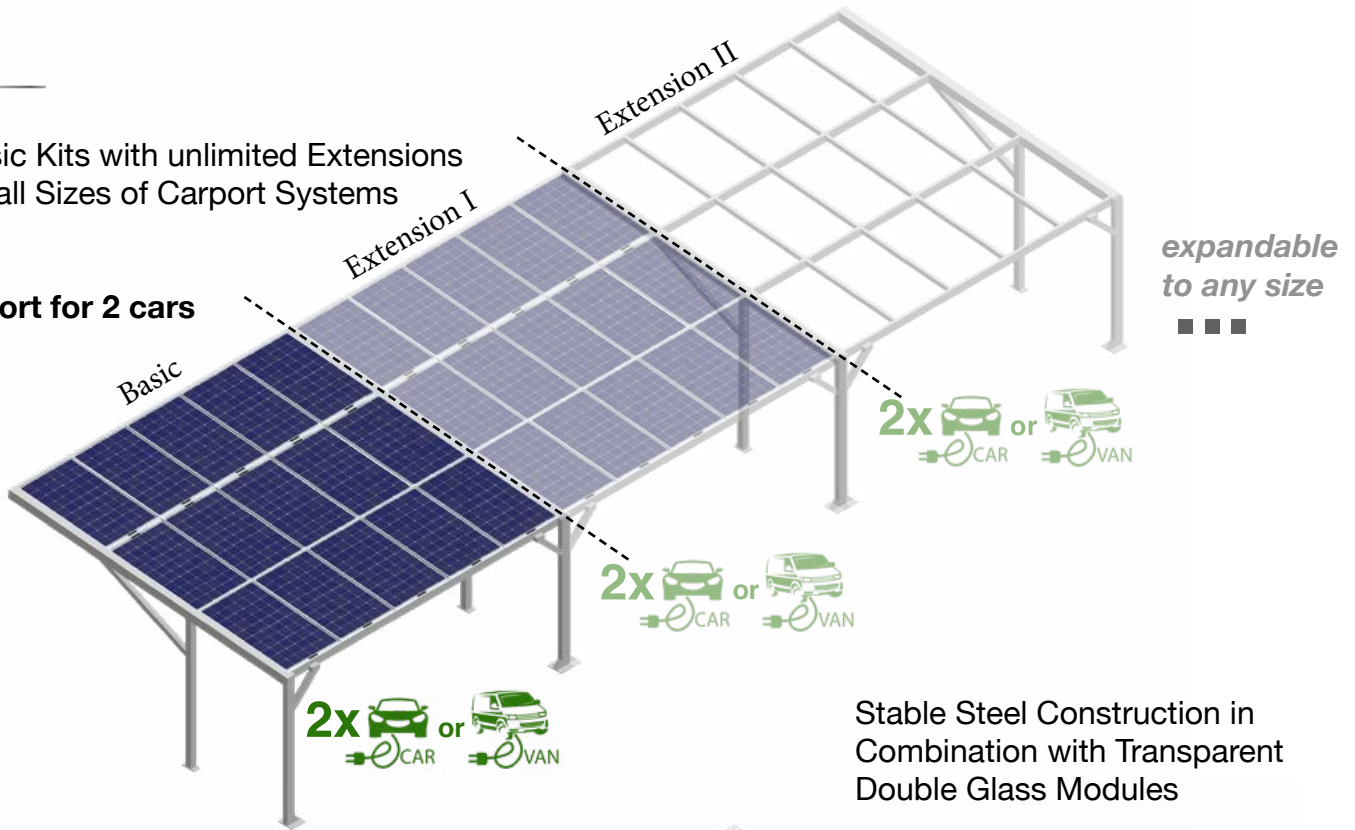
Optional: Hot zinc coating with 12 years guarantee



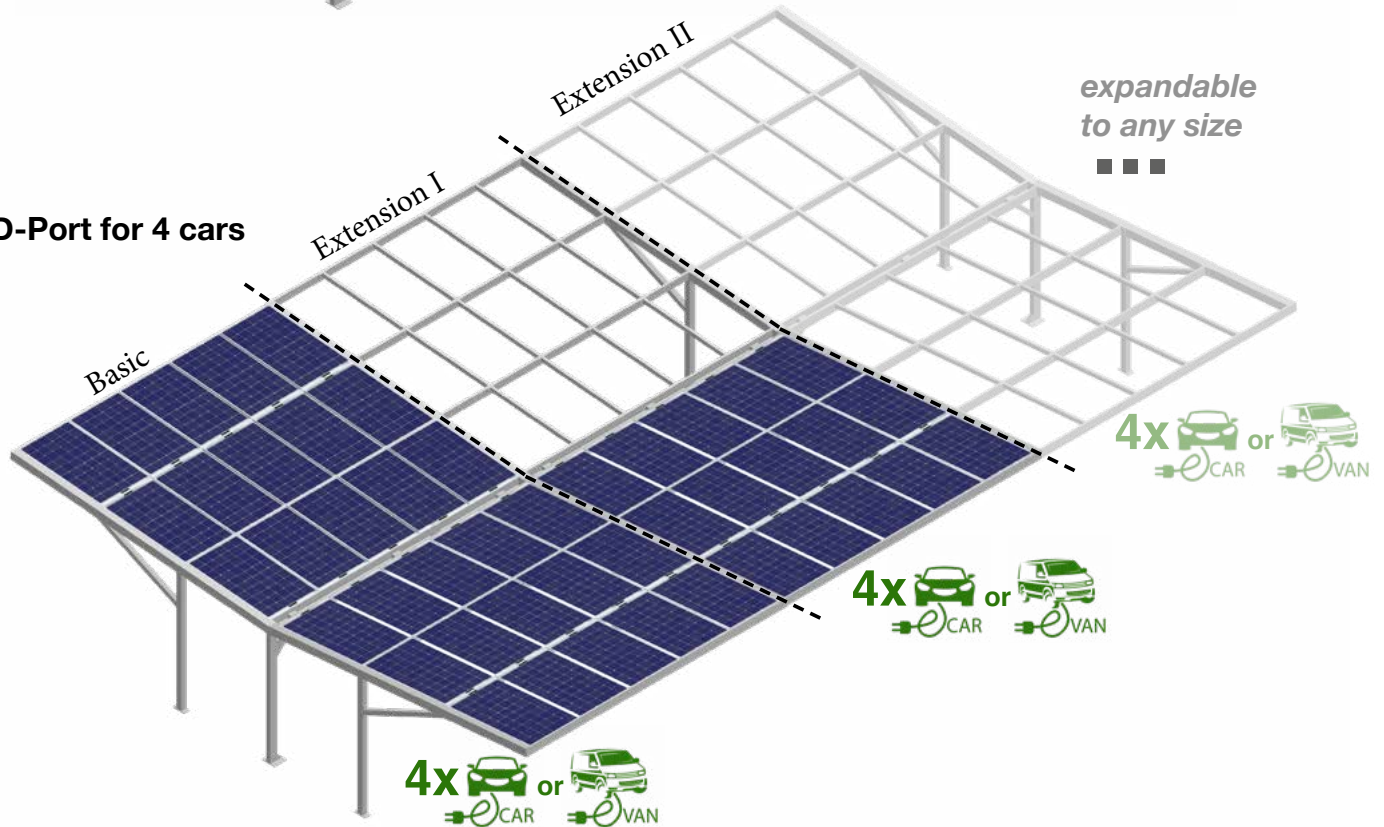
Kit

Basic Kits with unlimited Extensions
for all Sizes of Carport Systems

S-Port for 2 cars



D-Port for 4 cars



All our carports can be extended through optimized connection parts. It is also possible to change the orientation of the carport. In this case, the longer pillars have to be mounted on the rear side of the carport and the U-pillars have to be turned around.



Easy mounting without crane

Simple connection of the individual steel girders through pre-drilled holes and optimized screw connections



Stable Support with Screws

The supports have optimized integrated footrests that keep the carport stable even without anchoring. However, after aligning the carport, it should be anchored to the foundation with appropriate screws for safety in the ground.



Optimal arrangement of the support profiles

Our supports are at the right position: From static point of view optimum hold but also when getting in and out of the car.



Watertight Module Mounting

For more information of the module mounting ask for our **Premium Module Mounting Instruction**



upper aluminium profile with integrated rubber lips

(K)

Edge profile with integrated rubber lips

(F-R)

lower rubber profile

(K-U)

4.5 cm

lower rubber profile

(F-R-U)

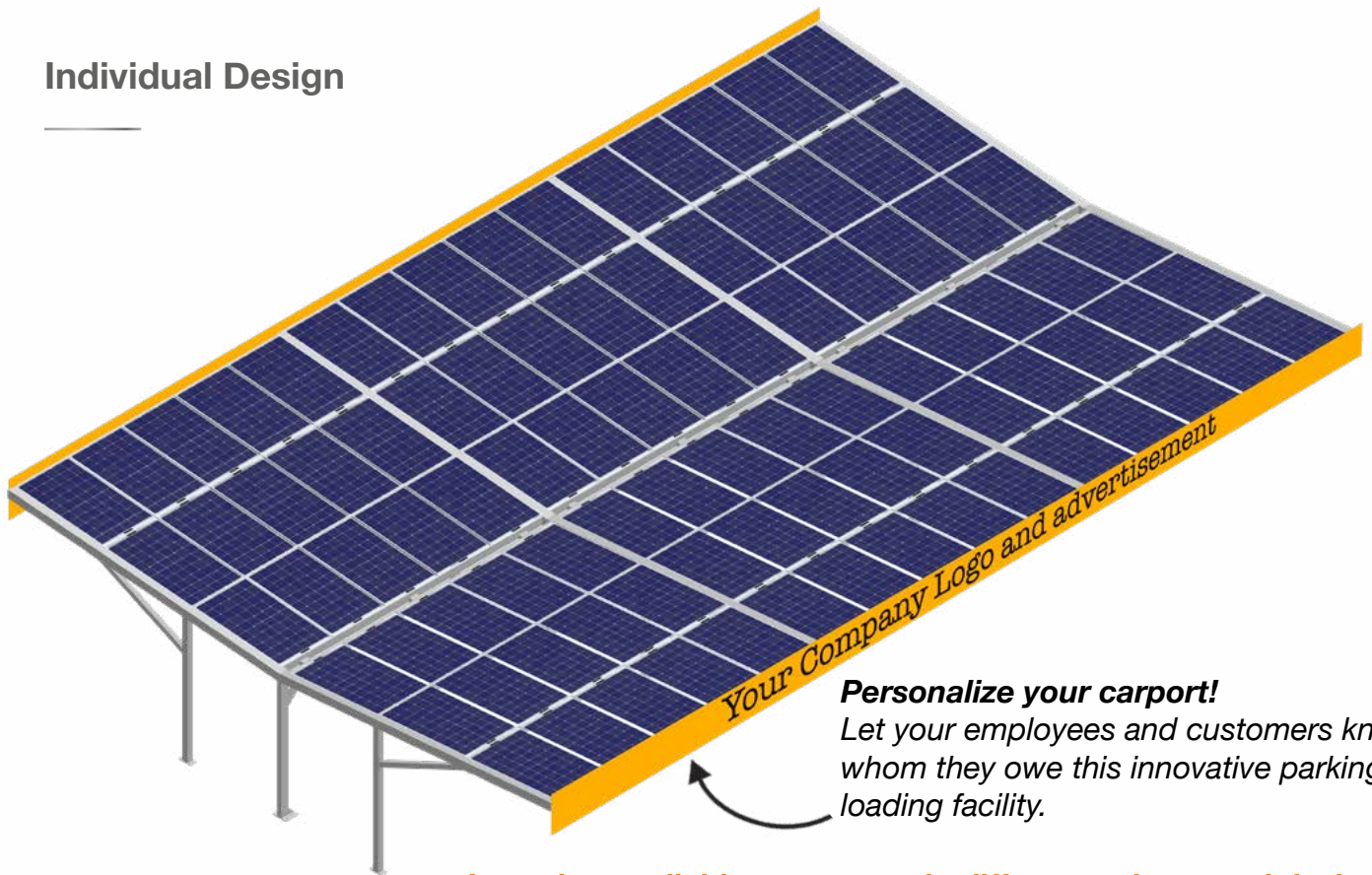
3.5 cm

„DachDicht“
Sealing compound

(W)



Individual Design



Personalize your carport!

Let your employees and customers know to whom they owe this innovative parking and loading facility.

Lettering available on request in different colours and designs!

Powerful LED Lighting (optional)

Premium High-Power LED strips protected in a stable profile made of anodised aluminium are a great option. They come with 5 year warranty: High Power in different light colours: 3.000. 4000 and 6.000 Kelvin (warm white to white cold). Reliable extra-low voltage with 24 Volt (protection against electric shock), IP 54 protection against humidity, dimmable, motion detector with presence control. Best in class quality driver with long service life.



Premium Double Glass PV Modules



size I

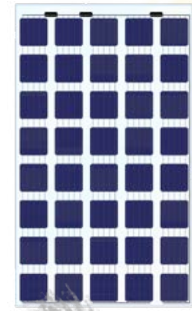
Certificates:



M60
280 Wp



B60
310 Wp



M40
195 Wp

Electrical Specification

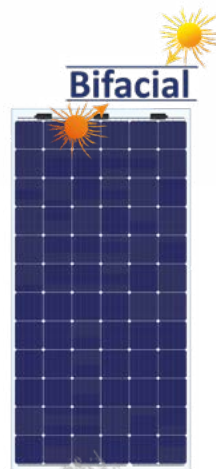
Electrical Specification	M60 280 Wp	B60 310 Wp	M40 195 Wp
Maximum Power at (Pmax)	280 W	310 W	195 W
Optimum Operating Voltage (Vmp)	30.97 V	33.20 V	21.27 V
Optimum Operating Current (Imp)	9.04 A	9.82 A	9.17 A
Open Circuit Voltage (Voc)	38.65 V	40.01 V	26.47 V
Short Circuit Current (Isc)	9.65 A	9.82 A	9.61 A
Module Efficiency	17.0 %	18.8%	11.9%
Maximum System Voltage	1000 V DC (IEC)	1500 V DC (IEC)	1000 V DC (IEC)
Operating Module Temperature	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Maximum Series Fuse Rating	20 A	20 A	20 A
Power Tolerance	0 ~ +5 W	0 ~ +5 W	0 ~ +5 W
Dimensions [mm] , approx.	1658 x 992 x 5	1658 x 992 x 5	1658 x 992 x 5

size II

Certificates:



M72
330 Wp



B72
370 Wp



M50
240 Wp

Electrical Specification

Electrical Specification	M72 330 Wp	B72 370 Wp	M50 240 Wp
Maximum Power at (Pmax)	330 W	370 W	240 W
Optimum Operating Voltage (Vmp)	37.64 V	39.1 V	26.88 V
Optimum Operating Current (Imp)	8.76 A	9.47 A	8.93 A
Open Circuit Voltage (Voc)	47.05 V	47.9 V	32.68 V
Short Circuit Current (Isc)	9.35 A	10.16 A	9.44 A
Module Efficiency	16.8 %	18.9 %	13.0 %
Maximum System Voltage	1000 V DC (IEC)	1000 V DC (IEC)	1000 V DC (IEC)
Operating Module Temperature	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Maximum Series Fuse Rating	20 A	15 A	20 A
Power Tolerance	0 ~ +5 W	0 ~ +5 W	0 ~ +5 W
Dimensions [mm] , approx.	1980 x 990 x 5	1980 x 990 x 5	1980 x 990 x 5

Charging options

Ask for a special offer!



Charging Box



Charging Station Premium



Steel Power

**Please contact us for an individual
offer that meets your needs.
We are looking forward to your message.**



GridParity AG
next generation photovoltaic

Ohmstr. 7, 85757 Karlsfeld
GERMANY

www.gridparity.ag

info@gridparity.ag

Tel: +49 (0) 8131 3307 560

Fax: +49 (0) 8131 3307 737



other products that might also be interesting for you:



PV Carports



PV Terraces



PV PowerWall



EPC



AgriPV

aluminum or wood