GREENPORT

# GREENPORT
# DESIGN

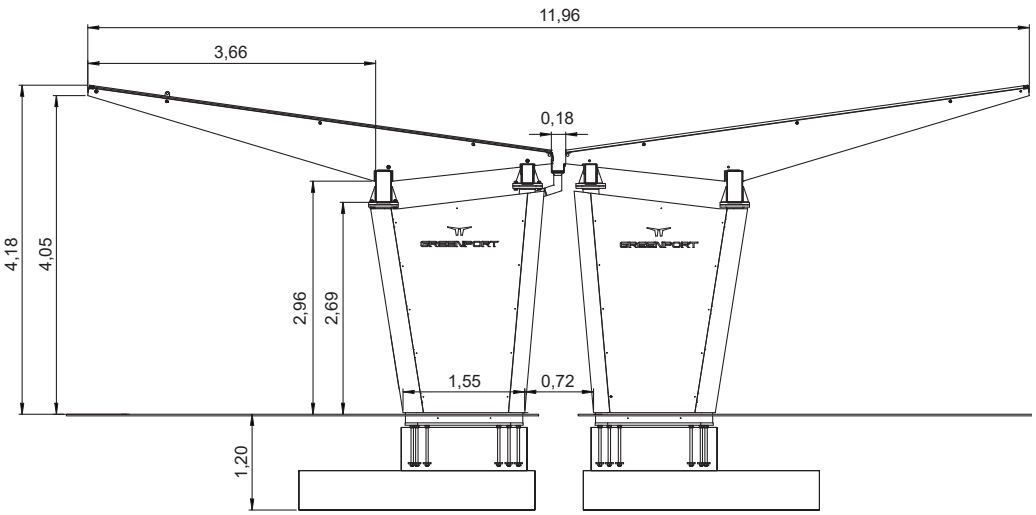
## Top performance and spectacular aesthetics for plenty of space

- Carport system can be extended as required
- Customized design
- Reduced and weather-independent construction time thanks to prefabricated module beams
- 100% rainproof
- DIBt-certified, bifacial PV modules
- Solar yield approx. 3 kWp/space
- Light transmission 15 %
- Hail resistance HW4
- Snow load up to 4.0 kN/m²
- Snow load up to 4.0 Optional: EV charging, advertising screens, LED lighting

Elegant and intelligent parking
- with GREENPORT design

GREENPORT - A brand of GREENoneTEC 1 SOLAR INDUSTRY

GREENPORT

| Design | GREENPORT DESIGN |
|---|---|
| Roof covering | DIBt-certified bifacial double-glazed modules, pre-assembled on a module support |
| Steel construction | according to EN 1090 - 1, EXC 2, evaluation group C, incl. CE certificate |
| Corrosion protection | RAL painted in accordance with DIN EN ISO 12944/2018 in C3H, optionally with additional galvanizing |
| Projected depth of roof surface, one-sided | 5.89 m (with gutter 6.05 m) |
| Clearance height | 2,60 m |
| Parking lot width | System designed for a maximum of four car parking spaces between two supports with a system width of max. 2.85 m per parking space |
| Column dimensions | Steel truss construction with a width of 500 mm |
| Base | Prefabricated foundation bases made of reinforced concrete for setting in concrete. Integrated fixing points, connections for drainage (⌀ 125 mm), electrical cabling (⌀ 100 mm) and corresponding electrical earthing |
| Electrical piping | Aluminum tubes mounted on steel construction, ⌀ 32 mm, RAL painted |
| Snow load | up to 4.0 kN/m² with the same visual appearance |
| Drainage (optional) | with rain gutter and concealed downpipe, box-shaped RG 400, RAL coated |
| **Roof covering** | **Industrially prefabricated, ready-to-install PV module support** |
| Service per car parking space | approx. 3 kWp |
| Number of modules | six pcs. PV modules per module support structure |
| Dimensions (W x H x D) | 5961 x 2279 x 705 mm |
| Weight | approx. 670 kg |
| Roof pitch | 8 degrees |
| Light transmission | 15% |
| **PV module** | **DIBt-certified, bifacial PV module from Austria** |
| Power per PV module | 390 Wp |
| Efficiency | 18,29% |
| Dimensions (W x H x D) | 1956 x 1090 x 9 mm, glass thickness 2 x 4 mm |
| Weight | 48,0 kg |
| Applicable standards | Conformity to IEC 61215 and IEC 61730; IP 65; DIBt Z-70.3-266; hail resistance class HW4 |

Deutsches Institut für Bautechnik DIBt