GREENPORT

EASY Trapeze

Solar carport with trapezoidal roof system for individual PV modules

- Bifacial PV modules with black anodized aluminium frame for up to 30 % additional yield, 15 % light transmission and a visually sophisticated design
- Average PV output of approx. 3,0 kWp per parking space
- Simple and quick installation and commissioning thanks to an efficient and stable PV mounting system for trapezoidal sheets
- Snow load up to 4.8 kN/m²
- Attractive trapezoidal sheet, RAL coated
- Minor intervention in the existing ceiling using screw foundations
- Up to three parking spaces between the pillars and cantilevered roofing of the peripheral parking spaces
- For existing and new car parks, barrier-free design
- Optionally with lighting, motion detector, inverter, charging station or mounting board for IN and CS

Stylish and smart parking
- with GREENPORT EASY

GREENPORT - a brand of GREENoneTEC 1 SOLAR INDUSTRY

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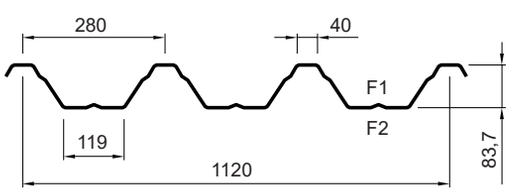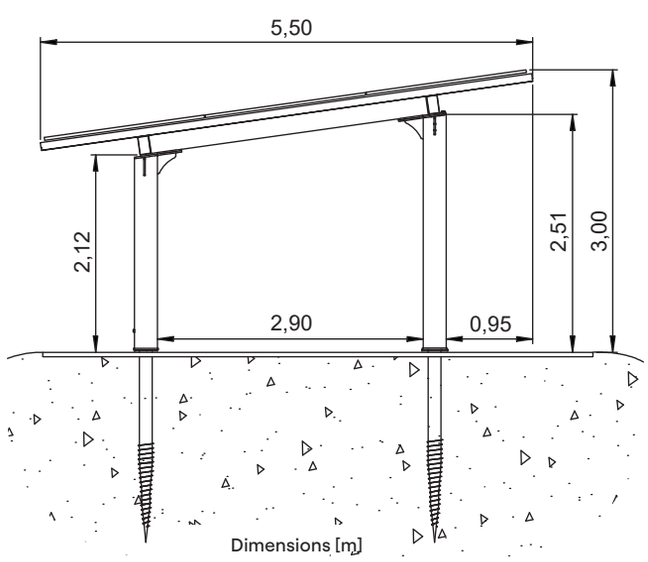
Model	GREENPORT EASY Trapeze
Roof covering	by means of trapezoidal sheet
Steel construction	according to EN 1090 - 1, EXC 2, assessment group C, incl. CE certificate
Corrosion protection	galvanized and painted according to DIN EN ISO 12944/2018 in C3H, defoult colour RAL 7016, other RAL colors on
Projected depth of roof area	5,50 m, with roof gutter 5,65 m
Clearance height	2,10 m, optionally increaseable to 2,60 m
Clearance height alley side	2,80 m, optionally increaseable to 3,30 m
Width of parking space	2,50 up to 2,62 m at three car parking spaces between two support levels
Pillar dimensions front/rear	hollow profile with 150 x 250 mm
Foundation	screw foundations made of galvanized steel, mounted according DIN EN 12699/2015, installation depth approx. 2,00 m, respectively deeper in case of unfavourable soil conditions, alternatively with point foundations
Electrical piping	aluminium tubes ø 32 mm, mounted to steel construction and painted in the colour of the carport
Snow load	up to 2,0 kN/m² with the same visual appearance, up to 4,8 kN/m² with two parking spaces between the support levels
Drainage (optional)	by means of aluminum roof gutter system, hanging gutter 333 and downpipe ø 100 mm, powder-coated in 02 anthracite (similar to RAL 7016) or 07 light grey (similar to RAL 7005)
Lighting (optional)	by means of light strips made of black anodized aluminum, with LED spots and integrated power supply, light color 3,000 K, inclusive electrical and mounting material
Roof covering	**trapezoidal profiles sheets made of steel, Typ 85/280T**
PV output per parking space	approx. 3,0 kWp
Material	steel galvaniced
Roof pitch	8 degrees
Sheet thickness	0,75 to 1,25mm, depending to the static requirements
Coating bottom	RAL coated
Coating top	RAL 9002
PV module	**high-performance, bifcial PV modul with aluminium frame**
individual PV modules	The trapezoidal sheet can be covered with any standard PV module system. Max. dimensions (W x H): 1762 x 1134 mm The above mentioned PV output is based on using PV modules with 450 Wp.