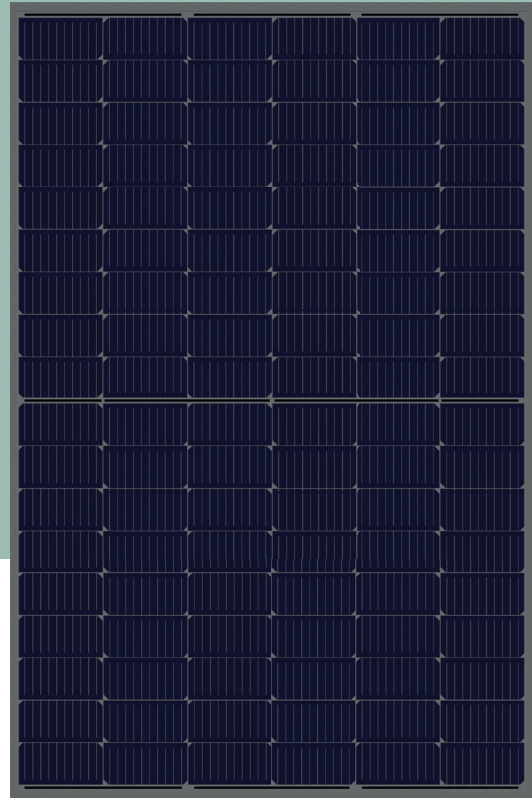




GREENPORT

Double glass module for GREENPORT Design



PV module 390 Wp HC bifacial

Bifacial cell technology

Up to 30 % more yield by utilising available light on the back side as well

Highly resistant and durable

Withstands even extreme environmental influences, thanks to special glass bonding system

Frameless design

No raised edge, less dirt, snow slides off easily

Optimised glass bonding system

Glass size and contact/clamping surface are precisely tailored to the respective application

DIBt building approval

German Institute for Structural Engineering

Deutsches
Institut
für
Bautechnik

DIBt



GREENPORT

Double glass module without frame

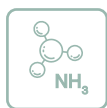
Module data (power data refers to the front face of the module)	390 Wp bifacial 2 x 4 mm HC transparent
Pmpp	390 Wp
Umpp	36.57 V
Impp	10.69 A
Uoc	44.63 V
Isc	11.18 A
Efficiency	18.29 %
Required area/kWp	5.47 m ²

Electrical data	
Cells	132 bifacial half cells (6 x 22) 166 x 38 mm (9-busbar)
Connection and connector system	3x decentralised connection sockets with original Stäubli MC4 connectors, back, centre
Max. system voltage	1000 V DC
Power tolerance	+5 W / -0 W (measured under standard test conditions)
Temperature coefficients	Pmpp -0.42 %/K Uoc -0.32 %/K Isc +0.047 %/K
Maximum reverse current	15 A
Operating temperature	+85°C to -40°C
Cable length	2 x 500 mm
Bypass diodes	3 pieces
Performance guarantee	Min. 97 % in the first year, after which max. reduction of 0.7 % p.a. for up to 25 years
Product guarantee	12 years

Technical data	
Weight	48.0 kg
Dimensions (HxWxD)	1956 x 1090 x 9 mm (± 3 mm) Side contact area: 41 mm
Glass thickness	2 x 4 mm
Light transmittance	15 %
Applicable standards	IEC 61215 and IEC 61730 conformity; IP 65 DIBt Z-70.3-266
Packaging configuration	30 modules/pallet



Salt spray resistance



Ammonia resistance



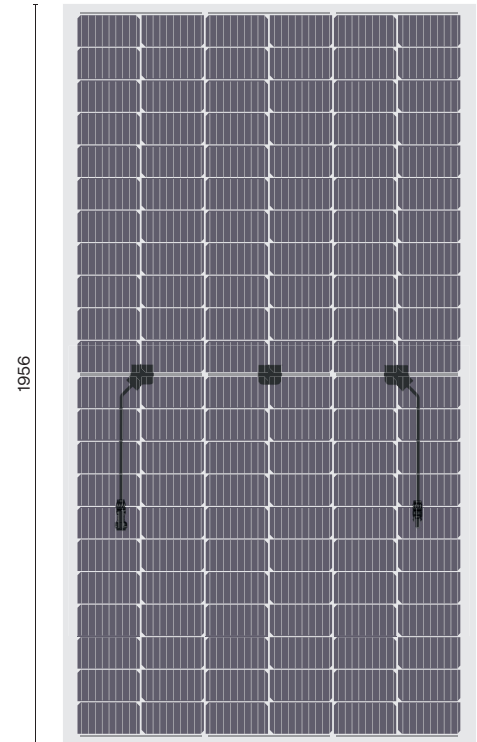
Fire class C according to IEC/UL



Hail resistance class

390 Wp

1090



All specifications in mm; tolerance ± 3 mm



DIBt approval

We are one of the few companies worldwide to have received the national technical approval of the Deutsches Institut für Bautechnik (DIBt) for our frameless solar glass (full cell). Thanks to this approval, our solar glass is now considered a regulated building product (analogous to classic LSG glass) and no longer requires individual approval for each project.

