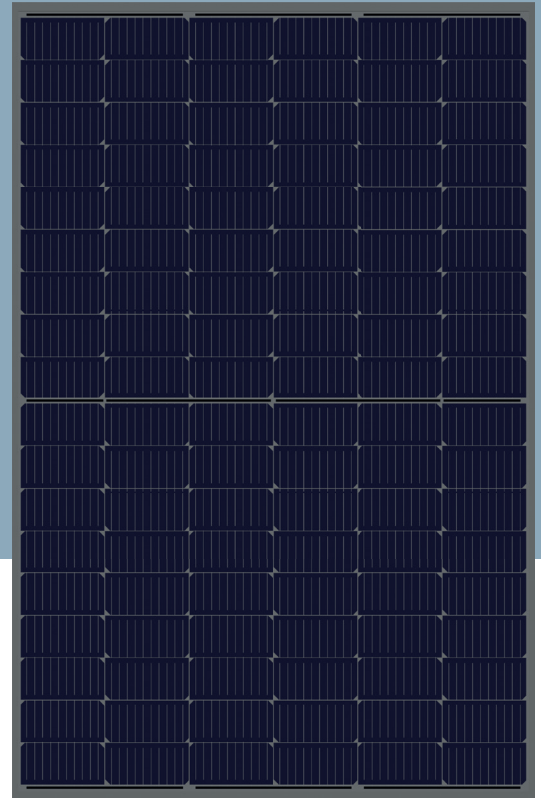




GREENPORT

# Double glass module for GREENPORT Easy

Glass-on-glass variant



## PV module 420 Wp 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

(for full-cell modules)

Deutsches  
Institut  
für  
Bautechnik

DIBt



## Double glass module without frame

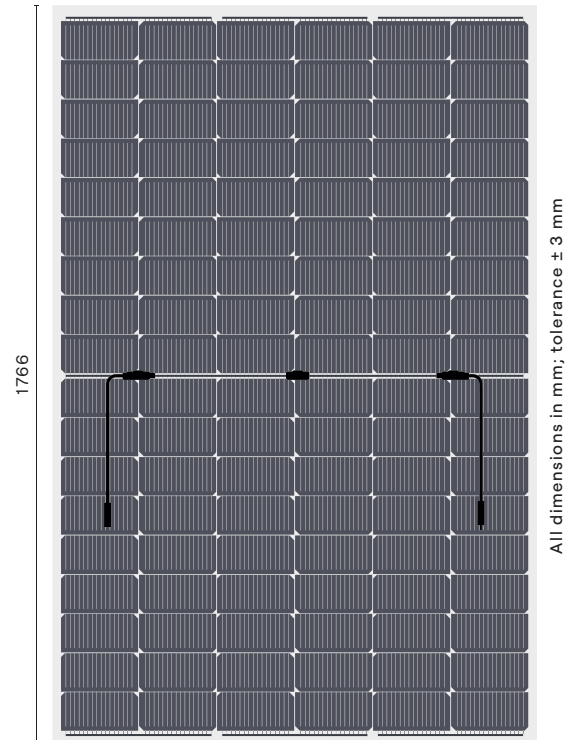
Module data (power data refers to the front face of the module)	420 Wp bifacial 2 x 3 mm HC transparent
Pmpp	420 Wp
Umpp	31.54 V
Impp	13.35 A
Uoc	38.28 V
Isc	13.93 A
Efficiency	20.41 %
Required area/kWp	4.90 m <sup>2</sup>

Electrical data	
Cells	108 bifacial half cells TOPCON (6 x 18) 182 x 91 mm (16-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 -0.32 %/K Uoc -0.25 %/K Isc +0.045 %/K
Maximum reverse current	20 A
Operating temperature	+85°C to -40°C
Cable length	2 x 350 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

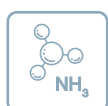
Technical data	
Weight	30.0 kg
Dimensions (HxWxD)	1766 x 1165 x 7 mm (± 3 mm) Side contact area: 29 mm
Glass thickness	2 x 3 mm
Light transmittance	15 %
Applicable standards	IEC 61215 and IEC 61730 conformity; IP 65   DIBt Z-70.3-266
Packaging configuration	15 modules/pallet

420 Wp

1165



Salt spray resistance



Ammonia resistance



Fire class C



Hail resistance class

### 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.

