

# STE430-27V-MHD

## Glas/Glas 430W

## Topcon Technology

Art.Nr.	Produkt	VE
9254484	430W	single units (1-36) pallet (37 pcs.)



longer lifecycle



Improved performance  
at high temperatures



Bifacial: Extremely high  
efficiency: 22.02%



Improved low-light behavior



Excellent fire protection



Including extra long cable  
(120cm)

CELL SIZE

182 x 91 mm

37 modules per pallet  
26 pallets per container

## More power, more efficiency.

STROXX ENERGY 430W - Glass/Glass  
Topcon PV Module -The ultimate solution  
for renewable energy!

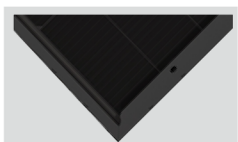


16BB



### JUNCTION BOX

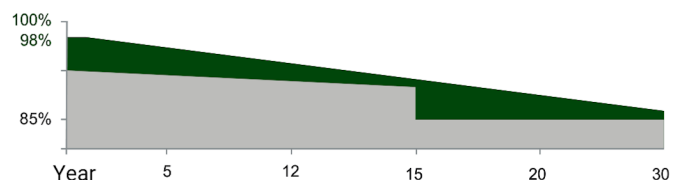
Waterproof protection grade: IP68  
Safety Level: Class II  
Maximum System Voltage: 1500V  
outstanding waterproof level  
Effectively resists harsh environments



### FRAME

Strong mechanical load  
resistance up to 5400Pa  
Anodic oxidation layer resistant to  
chemical corrosion

### WARRANTY



15

15-year warranty on product materials and craftsmanship

30

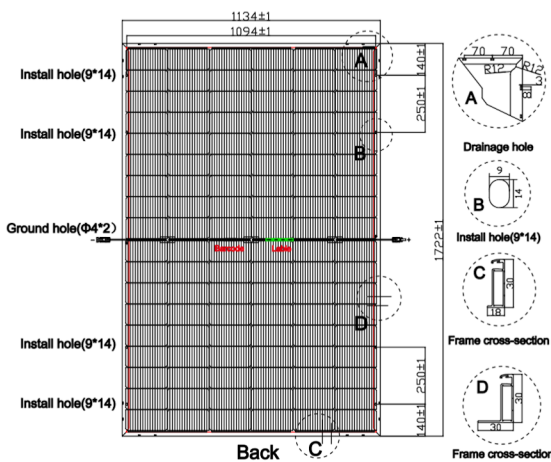
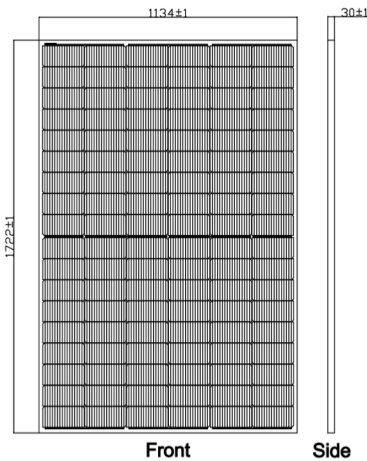
30-year Linear Power output warranty



Our PV modules are  
certified by TÜV Nord.

• IEC61215 / • IEC61730

Unit:mm



## STE430-27V-MHD ELECTRICAL DATA (BNPI)

Peak Power (Pmax)	476.00
Maximum Power Voltage (Vmp)	32.08
Maximum Power Current (Imp)	14.84
Open Ciucuit Voltage (Voc)	38.87 ±3%
Short Circuit Current (Isc)	15.74 ±3%
Maximum System Voltage (V)	1500V
Maximum Series Fuse Rating (A)	30 A
Power Tolerance	0 ~ + 3 W
Pmax Temperature Coefficients (sW/°C)	-0.300 %/°C
Voc Temperature Coefficients (sV/°C)	-0.250 %/°C
Isc Temperature Coefficient (sA/°C)	+0.046 %/°C
NMOT Nominal Operating Cell Temperature (°C)	45 ± 2°C
Operating and Storage Temperature (°C)	-40 ~ + 85°C

\* BNPI: Irradiance from behind 135W/m², AM 1.5, Ambient temperature 25°C  
\* Double-glass module: 430W front (standard) + 46W rear (red) = 476W maximum on both sides

## ELECTRICAL DATA (STC)

Peak Power (Pmax)	430.00
Maximum Power Voltage (Vmp)	32.08
Maximum Power Current (Imp)	13.40
Open Ciucuit Voltage (Voc)	38.69 ± 3%
Short Circuit Current (Isc)	14.14 ± 3%
Module Efficiency (%)	22.02

\* STC: Irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

## ELECTRICAL DATA (NMOT)

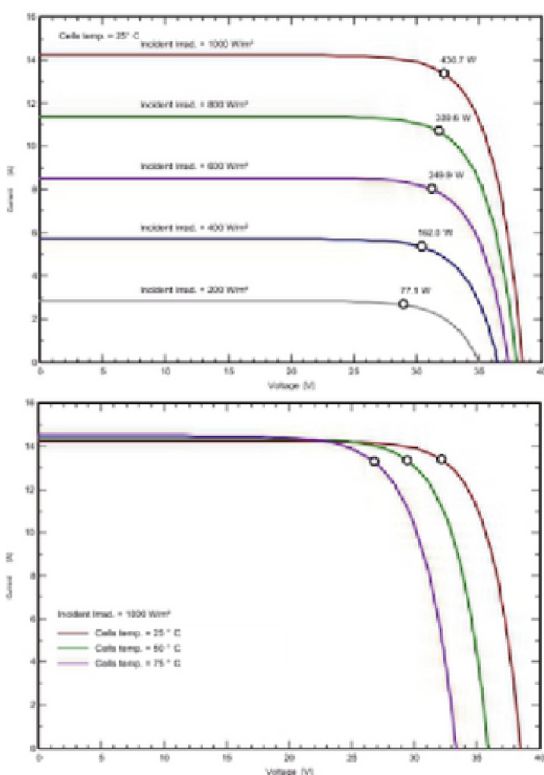
Peak Power (Pmax)	323.00
Maximum Power Voltage (Vmp)	30.08
Maximum Power Current (Imp)	10.75
Open Ciucuit Voltage (Voc)	36.75 ±3%
Short Circuit Current (Isc)	11.42 ±3%

\* NMOT: Irradiance 800 W/m², AM 1.5, Ambient temperature 20°C, Wind speed 1 m/s

## MECHANICAL CHARACTERISTICS

Cell Type	182*91 N Type Bifacial Mono
Number of Cells	108 (12*9)
Dimensions (mm)	1722* 1134* 30
Weight (kg)	24.70
Front Glass	2.0mm AR coating tempered glass
Back Glass	2.0 mm Glasiertes Glas
Frame	Anodized Aluminium Alloy
Junction box	3Dioden, IP68
Output cables	4 mm² cable120 cm (Including MC4 connector)
MaxWind Load/Show Load	2400Pa / 5400Pa

## IV CURVE (430W)



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Your personal  
point of contact

