

ST 410-108MH-M10

Full Black 410W

Art.Nr.	Product	Selling Unit
9257281	410W	single units (1-36) pallet (37 pcs.)



Half-cut Technology

New circuit design, lower internal current and lower internal resistance loss



Minimizing Heat Spots to a Significant Degree

The distinctive circuit design is engineered to significantly decrease the temperature of heat spots, thereby reducing power losses and subsequently increasing module output.



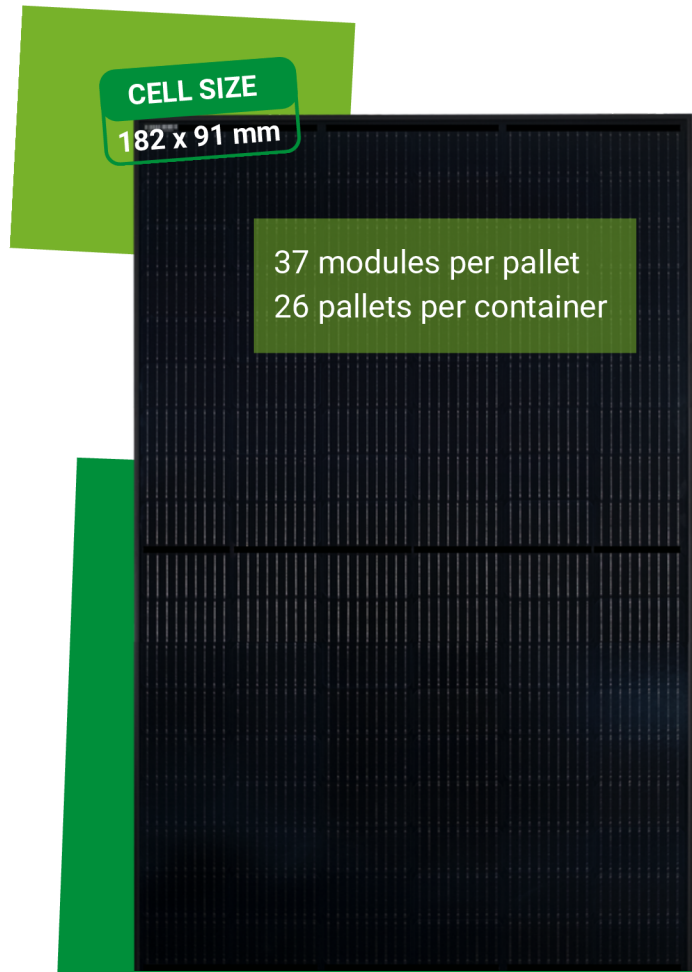
Lower cost

Increasing power generation can reduce the cost per kilowatt-hour



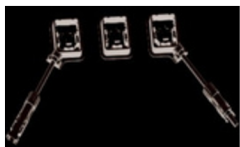
Excellent performance of PID resistance

The performance of PID resistance (Potential Induced Degradation) passed the standard of TÜV Nord.



Price and performance
in an excellent balance:

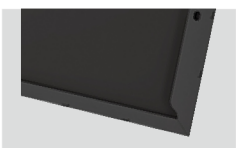
STROXX ENERGY Full
Black PV Modules 410W



JUNCTION BOX

Waterproof protection grade:
IP68 Safety Level: Class II
Maximum System Voltage:
1500V

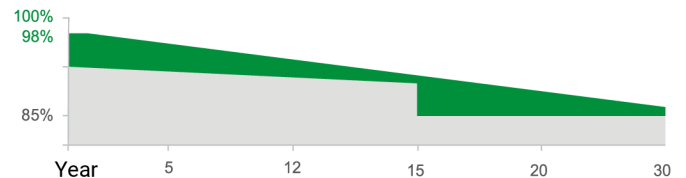
outstanding waterproof level
Effectively resists harsh
environments



FRAME

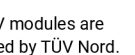
Strong mechanical load
resistance up to 5400Pa
Anodic oxidation layer
resistant to chemical
corrosion

WARRANTY

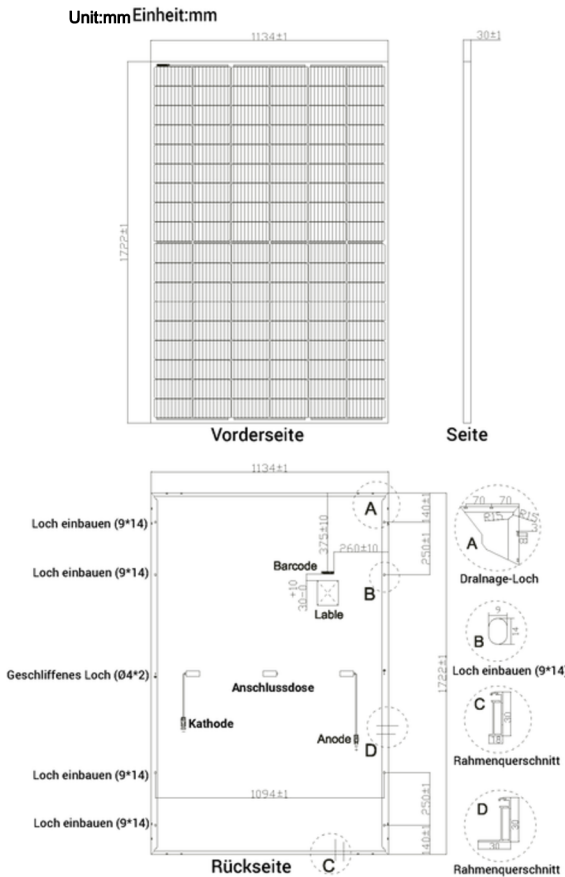


15 15-year warranty on product materials
and craftsmanship

30 30-year Linear Power output warranty



Our PV modules are
certified by TÜV Nord.



410W: ST 410-108MH-M10

ELECTRICAL DATA (STC)

Model Type	410W
Peak Power (Pmax)	410.00
Maximum Power Voltage (Vmp)	31.46
Maximum Power Current (Imp)	13.04
Open Ciucuit Voltage (Voc)	37.45 ±3%
Short Circuit Current (Isc)	13.85 ±3%
Module Efficiency (%)	21.00

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

ELECTRICAL DATA (NMOT)

Model Type	410W
Peak Power (Pmax)	304.80
Maximum Power Voltage (Vmp)	29.20
Maximum Power Current (Imp)	10.44
Open Ciucuit Voltage (Voc)	35.05 ±3%
Short Circuit Current (Isc)	11.16 ±3%

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

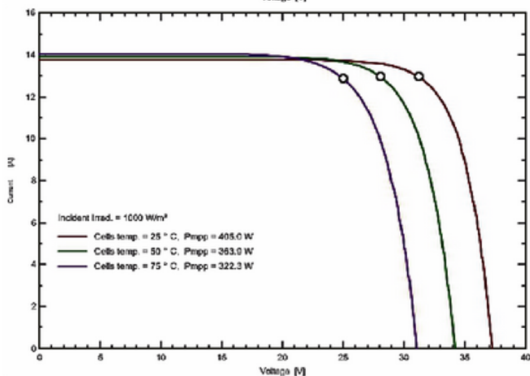
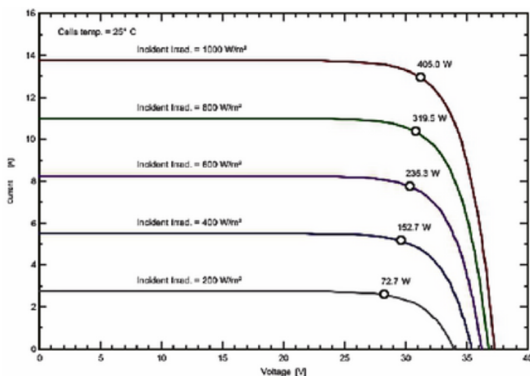
TEMPERATURE & MAXIMUM PROTECTION

Maximum System Voltage (V)	1500 V
Maximum Series Fuse Rating (A)	25 A
Power Tolerance	0 ~ + 3W
Pmax Temperature Coefficients (sW/°C)	- 0.350 %/°C
Voc Temperature Coefficients (sV/°C)	-0.285 %/°C
Isc Temperature Coefficient (sA/°C)	0.045 %/°C
NMOT Nominal Module Operating Temperature (°C)	45 ±2 %°C
Operating and Storage Temperature (°C)	-40 ~+ 85 °C

MECHANICAL CHARACTERISTICS

Cell Type	182*91 P Type black Mono
Number of Cells	108 (12*9)
Dimensions (mm)	1722* 1134* 30
Weight (kg)	21.50
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium
Junction box	3Dioden, IP68
Output cables	400W: 4 mm ² cable 50 cm (Including MC4 connector) 410W: 4 mm ² cable 120 cm (Including MC4 connector)
MaxWindlast/Schneelast	2400Pa / 5400Pa

IV CURVE (405W)



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point of contact

