

ST 400-108MH-M10

ST 410-108MH-M10

Full Black 400W / 410W

Art.Nr.	Product	Selling Unit
9210944	400W	single units (1-36)
9257281	410W (coming soon)	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



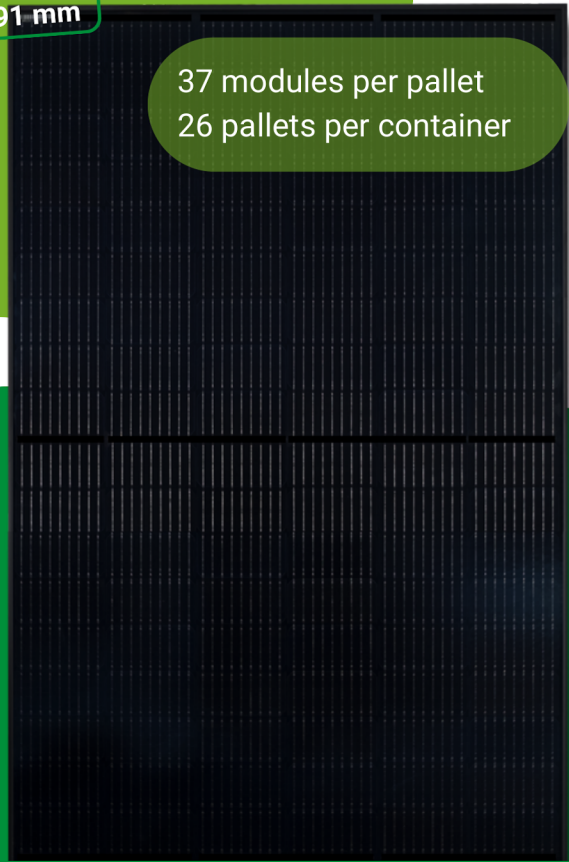
Excellent performance of PID resistance

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

CELL SIZE

182 x 91 mm

37 modules per pallet
26 pallets per container



10BB

Price and performance in an excellent balance: STROXX ENERGY Full Black PV Modules 400W / 410W



JUNCTION BOX

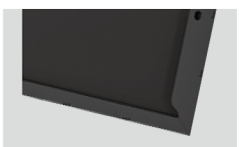
Waterproof protection grade: IP68

Safety Level: Class II

Maximum System Voltage: 1500V

outstanding waterproof level

Effectively resists harsh environments



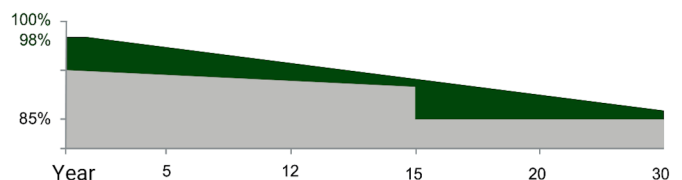
FRAME

Strong mechanical load

resistance up to 5400Pa

Anodic oxidation layer resistant to chemical corrosion

WARRANTY



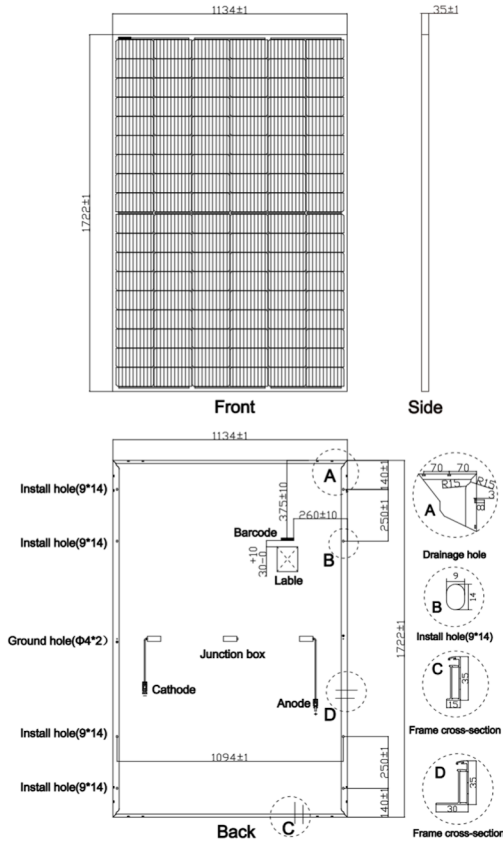
15 15-year warranty on product materials and craftsmanship

30 30-year Linear Power output warranty



Our PV modules are certified by TÜV Nord.

Unit:mm

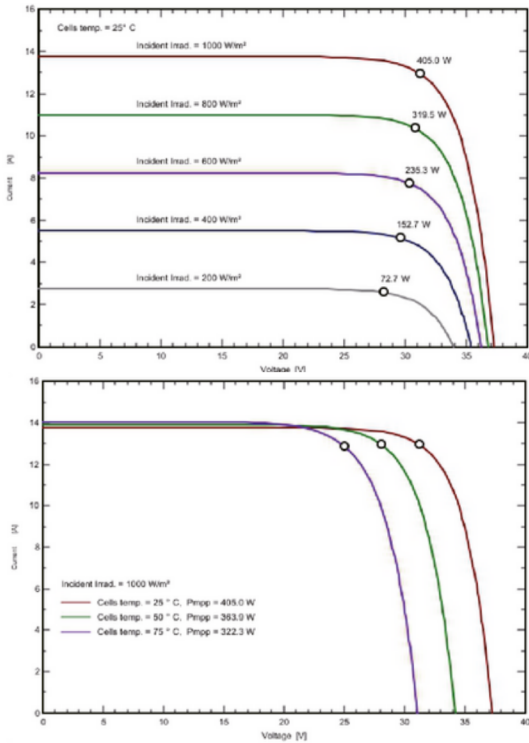


400W: ST 400-108MH-M10
410W: ST 410-108MH-M10

POWER YOUR PROJECTS

ELECTRICAL DATA (STC)			ELECTRICAL DATA (NMOT)		
Model Type	400W	410W	Model Type	400W	410W
Peak Power (Pmax)	400.00	410.00	Peak Power (Pmax)	297.40	304.80
Maximum Power Voltage (Vmp)	31.14	31.46	Maximum Power Voltage (Vmp)	28.88	29.20
Maximum Power Current (Imp)	12.85	13.04	Maximum Power Current (Imp)	10.30	10.44
Open Ciucuit Voltage (Voc)	37.05 ±3%	37.45 ±3%	Open Ciucuit Voltage (Voc)	34.69 ±3%	35.05 ±3%
Short Circuit Current (Isc)	13.67 ±3%	13.85 ±3%	Short Circuit Current (Isc)	11.00 ±3%	11.16 ±3%
Module Efficiency (%)	20.48	21.00	* NMOT: Irradiance 800 W/m ² , AM 1.5, Ambient temperature 20°C, Wind speed 1 m/s		
* STC: Irradiance 1000 W/m ² , AM 1.5, and cell temperature of 25°C					

IV CURVE (405W)



Temperatur & Max. Absicherung

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



Ole Arnold
Your personal point of contact