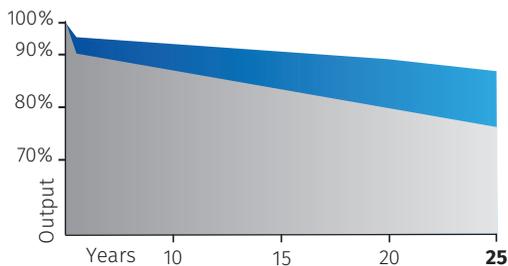


FU 370 M Silk® Plus Green PERC MBB half-cut cells

PERFORMANCE GUARANTEE

Max power decrease from 2nd year 0,5%/year
 97% at the end of first year
 90% at the end of 20th year
 87% at the end of 25th year



■ Market standard performances
 ■ FuturaSun performances

370 Wp

POWER

-0.35 %/°C

**TEMPERATURE
COEFFICIENT**



**108 HALF-CUT
MBB CELLS**

GENERAL FEATURES & KEY BENEFITS



- 25-year performance guarantee & 15-year product warranty
- Particularly suitable for Building Integrated Photovoltaics (BIPV)



RAL 6000

- Green colored glass and frame for special architectural requirements (similar to RAL 6000)*



- For innovative photovoltaic façades of high aesthetical value and for modern buildings featuring clean and elegant lines

- Possibility to customize frame and glass colour

- Less shades and more reflected light to the cell thanks to the round ribbon



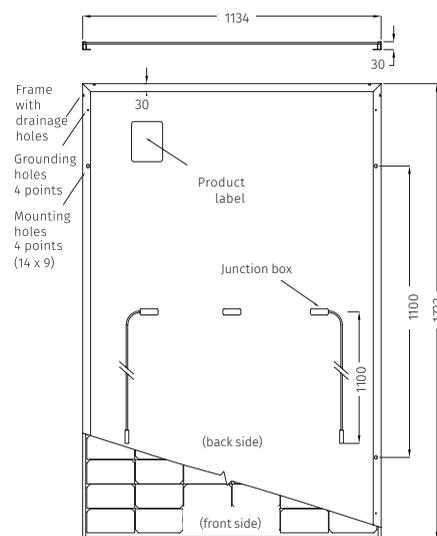
- 2 independent section design secures a higher energy yield under shaded conditions



For detailed information,
please refer to the installation manual

MECHANICAL SPECIFICATIONS

Dimensions	1722 x 1134 x 30 mm
Weight	20.8 kg
Glass	Green colored RAL 6000, low iron, tempered, thickness, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	108 monocrystalline half-cut MBB PERC cells 182 x 91 mm
Backsheet	Composite multilayer film
Frame	Anodized aluminium frame with mounting and drainage holes
Junction boxes	Certified according to IEC 62790, IP 68 approved, 3 bypass diodes
Cables	Solar cable, length 1100 mm or customized. Assembled with 4mm ² compatible connectors
Maximum reverse current (I _r)	20 A
Maximum system voltage	1000 V (1500 V on request)
Mechanical load (snow)	Design load: 3600 Pa 5400 Pa (including safety factor 1.5)
Mechanical load (wind)	Design load: 1600 Pa 2400 Pa (including safety factor 1.5)
Protection Class	II - accordance to IEC 61730



Note: dimensions in mm, tolerance +/- 2 mm

ELECTRICAL DATA - STC*

FU 370 M

Module power (P _{max})	W	370
Open circuit voltage (V _{oc})	V	37.27
Short circuit current (I _{sc})	A	12.55
Maximum power voltage (V _{mpp})	V	30.78
Maximum power current (I _{mpp})	A	12.05
Module efficiency	%	18.95

ELECTRICAL DATA - NMOT**

FU 370 M

Module power (P _{max})	W	273
Open circuit voltage (V _{oc})	V	34.48
Short circuit current (I _{sc})	A	10.21
Maximum power voltage (V _{mpp})	V	28.30
Maximum power current (I _{mpp})	A	9.61

TEMPERATURE RATINGS

Temperature coefficient I _{sc}	%/°C	0.05
Temperature coefficient V _{oc}	%/°C	-0.28
Temperature coefficient P _{max}	%/°C	-0.35
NMOT**	°C	45
Operating temperature	°C	from -40 to +85

PACKAGING INFORMATION

Pallet	36 pcs
Container 40' HQ	936 pcs / 26 pallets

*Standard Test Conditions STC: 1000 W/m² - AM 1.5 - 25 °C - tolerance: P_{max} (±3%), V_{oc} (±4%), I_{sc} (±5%).

**Nominal Module Operating Temperature NMOT: 800 W/m² - T=45 °C - AM 1.5.

Notice: All data and specifications are preliminary and subject to change without notice.



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