

Silk[®] Nova Green Duetto



410 W n-type

Maximum power

Technology inside

KEY BENEFITS AND FEATURES



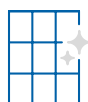
Power from **400 to 410 Watt**



96 G12R **n-type bifacial** half-cut cells



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



Coloured glass for a **consistent appearance over time**



Ideal for “invisible” **greenfield installations and fences**



1762 x 1134 x 30 mm

Performance guarantee

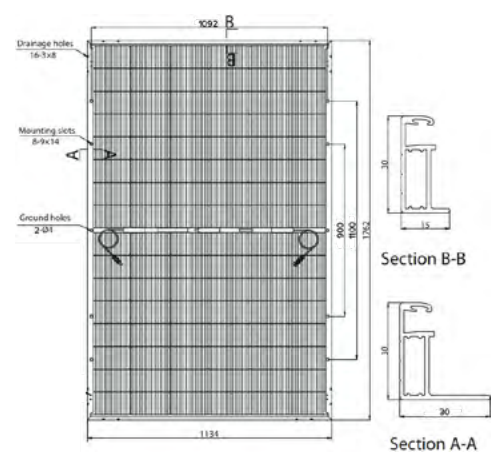
- **30-years** performance warranty with max power decrease from 2nd year **0.4%/year**
- **99%** at the end of first year
- **92%** at the end of 20th year
- **87%** at the end of 30th year

Product guarantees

- **15-year** product warranty
- Third-party product **liability** insurance
- All FuturaSun's modules are designed and guaranteed by the **Italian** headquarters

Mechanical Specifications

Dimensions	1762 x 1134 x 30 mm
Weight	25.5 kg
Glass	Front - 2.0 mm solar glass with ARC Back - 2.0 mm Solar glass
Cells	96 monocrystalline bifacial half-cut MBB n-type cells 182 x 105 mm
Frame	Varnished 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 4mm² compatible connectors
Backglass	Green
Maximum reverse current (Ir)	25 A
Maximum system voltage	1500 V
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)



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

Electrical data

Electrical data		FU 400 M		FU 405 M		FU 410 M	
TEST CONDITIONS		STC*	BNPI**	STC*	BNPI**	STC*	BNPI**
Module power (Pmax)	W	400	443.20	405	448.74	410	454.28
Open circuit voltage (Voc)	V	33.78	33.88	33.95	34.04	34.12	34.21
Short circuit current (Isc)	A	15.36	17.02	15.42	17.09	15.49	17.16
Maximum power voltage (Vmpp)	V	28.03	28.03	28.22	28.22	28.42	28.42
Maximum power current (Impp)	A	14.29	15.81	14.36	15.90	14.43	15.99
Module efficiency	%	20.04	22.18	20.28	22.46	20.53	22.74
Isc at BSI****	A	19.05		19.12		19.20	
Sorting tolerance	W	0/+5					

Electrical data - NOCT***

		FU 400 M		FU 405 M		FU 410 M	
Module power (Pmax)	W	302.25		305.69		309.17	
Open circuit voltage (Voc)	V	31.96		32.14		32.32	
Short circuit current (Isc)	A	12.44		12.49		12.53	
Maximum power voltage (Vmpp)	V	26.18		26.36		26.53	
Maximum power current (Impp)	A	11.54		11.60		11.65	

Temperature ratings

Temperature coefficient Isc	%/°C	0.05
Temperature coefficient Voc	%/°C	-0.28
Temperature coefficient Pmax	%/°C	-0.29
NOCT**	°C	45
Operating temperature	°C	from -40 to +85

Certifications

Factory	ISO 9001 - 14001 - 45001
Product	Ongoing: IEC EN 61730, IEC EN 61215, Class 1 UNI9177

Packaging

Quantity / Pallet	36 pcs
Container 40' HC	936 pcs / 26 pallets

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