



MULTI BUSBAR

FU 355 / 360 / 365 M Silk Pro - All Black

Monocrystalline Photovoltaic Module - 120 half-cut MBB cells

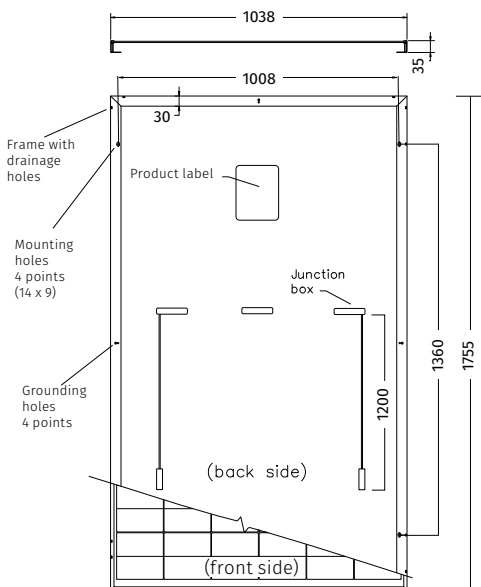
Engineered
in Italy



- IEC 61215:2016 - IEC 61730:2016 & Factory Inspection
- Fire Resistance - Class C



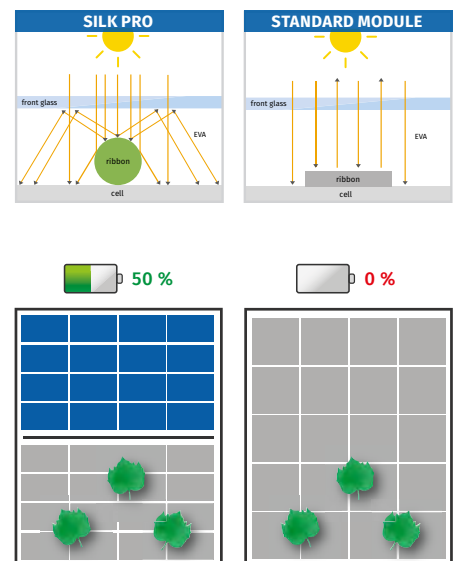
CE



Note: dimensions in mm
tolerance +/- 2 mm

GENERAL FEATURES

- **15-year product warranty**
- **9 busbar 166 mm half-cut PERC cells**
- **High module efficiency up to 20.04%**
- **Less shades and more reflected light** to the cell thanks to the round ribbon
- **2 independent section** design secures a higher energy yield in case of shading
- **Low Hot-Spot risk** thanks to half-cut design and multi busbar
- **Improved low light performance**
- **Low NMOT**, improving the power generation efficiency
- **Half cut design in combination with multi busbar** reduce internal resistance increasing the power output



GUARANTEES

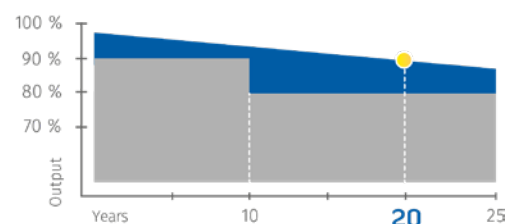
Performance guarantee

Max power decrease **0.5%/year**
97% at the end of first year
90% at the end of 20th year **NEW**
87% at the end of **25th year**

Product guarantee

15 YEARS **NEW**

- Market standard performances
- FuturaSun performances



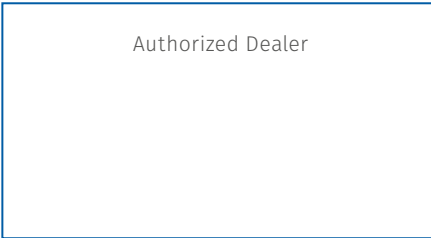
ELECTRICAL DATA				
MODULE SILK PRO		FU 355 M Silk Pro	FU 360 M Silk Pro	FU 365 M Silk Pro
Standard Test Conditions STC: 1000 W/m ² - AM 1.5 - 25 °C - tolerance: Pmax (±3%), Voc (±4%), Isc (±5%)				
Module power (Pmax)	W	355	360	365
Open circuit voltage (Voc)	V	40.60	40.80	41
Short circuit current (Isc)	A	11.07	11.15	11.23
Maximum power voltage (Vmpp)	V	33.61	33.81	34.02
Maximum power current (Impp)	A	10.57	10.65	10.73
Module efficiency	%	19.49	19.76	20.04

Nominal Module Operating Temperature NMOT: 800 W/m ² - T=45 °C - AM 1.5				
Module power (Pmax)	W	262	266	269
Open circuit voltage (Voc)	V	37.55	37.75	37.96
Short circuit voltage (Isc)	A	9.06	9.11	9.16
Maximum power voltage (Vmpp)	V	30.90	31.10	31.30
Maximum power current (Impp)	A	8.48	8.54	8.60

TEMPERATURE RATINGS		
Temperature coefficient Isc	%/°C	0.05
Temperature coefficient Voc	%/°C	-0.28
Temperature coefficient Pmax	%/°C	-0.35
NMOT *	°C	45
Operating temperature	°C	from -40 to +85

*Nominal Module Operating Temperature

MECHANICAL SPECIFICATIONS	
Dimensions	1755 x 1038 x 35 mm
Weight	20.3 kg
Glass	High transmission, Low iron, Tempered, ARC, Transparent, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	120 monocrystalline half-cut PERC cells 166 x 83 mm
Backsheet	Composite multilayer film
Frame	Anodized black frame with mounting and drainage holes
Junction box	Certified according to IEC 62790, IP 68 approved, 3 bypass diodes
Cables	Solar cable, length 1200 mm or customized assembled with MC4-compatible plugs
Maximum reverse current (Ir)	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





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