



GLASS GLASS

FU 360 / 365 / 370 M SILK® Pro Duetto

Monocrystalline Photovoltaic Module - 120 cells - glass/glass

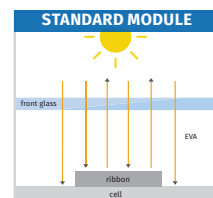
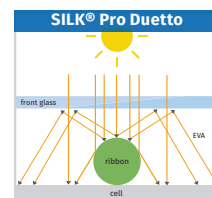
Engineered
in Italy



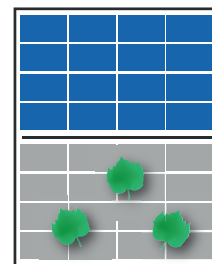
CE

GENERAL FEATURES

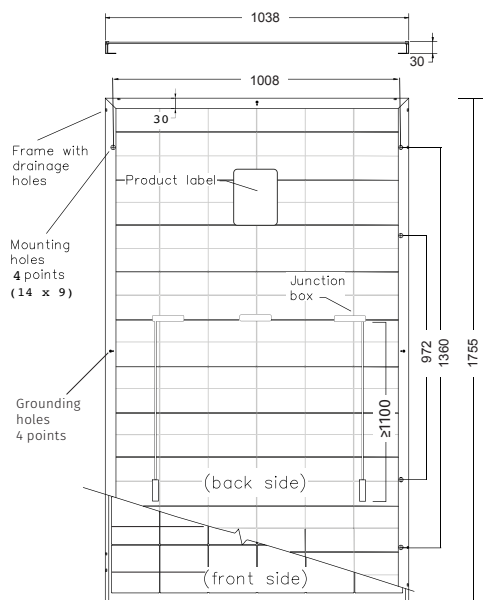
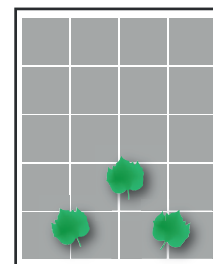
- **Black framed glass-glass structure** with strong load capacity
- **30-year performance guarantee**
- **Double glass reduces the risk of micro-cracks, snail trails, corruptions** caused by moisture, sand and salt mist
- **Lightweight tempered 2+2 mm safety glass** for optimal mechanical stability and transparency
- **9 busbar 166 mm half-cut PERC cells**
- **Less shades and more reflected light** to the cell thanks to the round ribbon
- **2 independent sections** design secures a higher energy yield in case of shading
- **Half cut design in combination with multi busbar** reduced internal resistance increasing the power output



50 %



0 %



Note: dimensions in mm
tolerance +/- 2 mm

GUARANTEES

Duetto Pro Performance guarantee

30 YEARS NEW

Max power decrease **0.5%/year**

97% at the end of first year

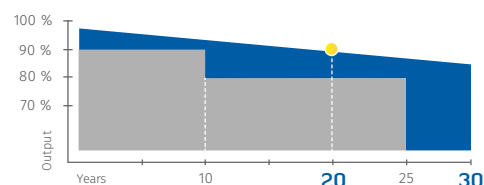
90% at the end of 20th year

85% at the end of 30th year NEW

Product guarantee

15 YEARS NEW

- Market standard performances
- FuturaSun Duetto linear performances



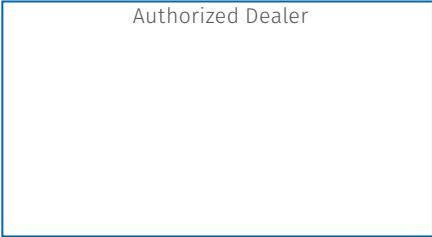
ELECTRICAL DATA				
MODULE SILK® Pro Duetto		FU 360 M SILK® Pro Duetto	FU 365 M SILK® Pro Duetto	FU 370 M SILK® Pro Duetto
Standard Test Conditions STC: 1000 W/m² - AM 1.5 - 25 °C - tolerance: Pmax (±3%), Voc (±4%), Isc (±5%)				
Module power (Pmax)	W	360	365	370
Open circuit voltage (Voc)	V	40.80	41	41.20
Short circuit current (Isc)	A	11.15	11.23	11.31
Maximum power voltage (Vmpp)	V	33.81	34.02	34.23
Maximum power current (Impp)	A	10.65	10.73	10.81
Module efficiency	%	19.76	20.04	20.31

Nominal Module Operating Temperature NMOT: 800 W/m² - T=45 °C - AM 1.5				
Module power (Pmax)	W	266	269	273
Open circuit voltage (Voc)	V	37.75	37.96	38.16
Short circuit voltage (Isc)	A	9.11	9.16	9.21
Maximum power voltage (Vmpp)	V	31.10	31.30	31.50
Maximum power current (Impp)	A	8.54	8.60	8.66

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 30 mm
Weight	23.3 kg
Glass	High transmission, Low iron, Tempered, ARC, Transparent, 2+2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	120 monocrystalline half-cut PERC cells 166 x 83 mm
Frame	Black anodized aluminium frame with mounting and drainage holes
Junction box	Certified according to IEC 62790, IP 68 approved, 3 bypass diodes
Cables	Solar cable, length ≥1100 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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