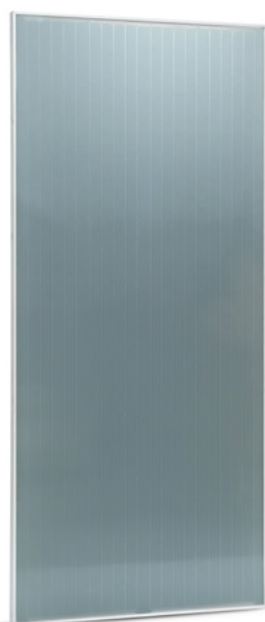


Solar Module 130 W for Off-Grid Applications



CE



DESIGNED
IN ITALY

FU 130 M Silver Monocrystalline 36 cells

- 12-year product warranty
- Positive sorting of power classes 0-5 Wp
- Tempered 3.2 mm safety glass for optimal mechanical stability and transparency
- High mechanical stability (5400 Pascal)
- Maximum resistance against hail (83 km/h)
- Water-repellent, high-transmittance and antireflective glass coating, to increase yield and avoid dust deposition

Designed in Italy · 8 Quality Certifications

ELECTRICAL DATA

MODULE	FU 130M Silver	
<i>Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - measuring tolerance <3%</i>		
Module power (Pmax)	W	130
Open circuit voltage (Voc)	V	24.98
Short circuit current (Isc)	A	6.65
Maximum power voltage (Vmpp)	V	20.31
Maximum power current (Impp)	A	6.4
Module efficiency	%	13.1

<i>Nominal Operating Cell Temperature NOCT: 800 W/mq T=45 °C - AM 1.5</i>		
Module power (Pmax)	W	95.1
Open circuit voltage (Voc)	V	23.04
Short circuit current (Isc)	A	5.46
Maximum power voltage (Vmpp)	V	18.38
Maximum power current (Impp)	A	5.18

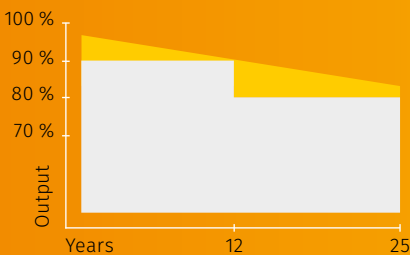
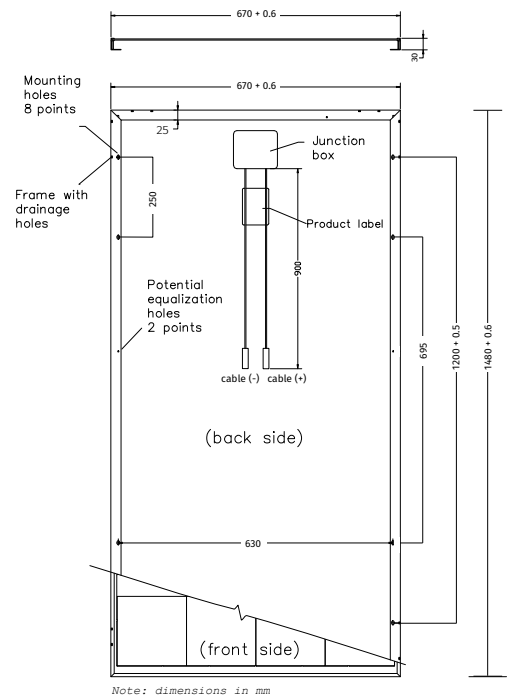
TEMPERATURE RATINGS

Temperature coefficient Isc	%/°C	0.037
Temperature coefficient Voc	%/°C	-0.266
Temperature coefficient Pmax	%/°C	-0.366
NMOT *	°C	45
Operating temperature	°C	from -40 to +85

* Nominal Operating Cell Temperature

MECHANICAL SPECIFICATIONS

Dimensions	1480 x 670 x 30 mm
Weight	10 kg
Glass	Tempered, colored with silver mirror effect, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	36 monocrystalline cells 156 x 156 mm
Backsheet	Composite multilayer film
Frame	Anodized aluminium frame with mounting and drainage holes
Junction box	Certified according to IEC 62790, IP 68 approved
Cables	900 mm, assembled with MC4-combinable plugs



■ Market standard performances
■ OffgridSun performances

Performance guarantee

Max power decrease: 0.7%/year over a 25 year module duration.

- 97% at the end of first year
- 90% at the end of 12th year
- 82% at the end of 25th year

Product guarantee

12 years

OffgridSun

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