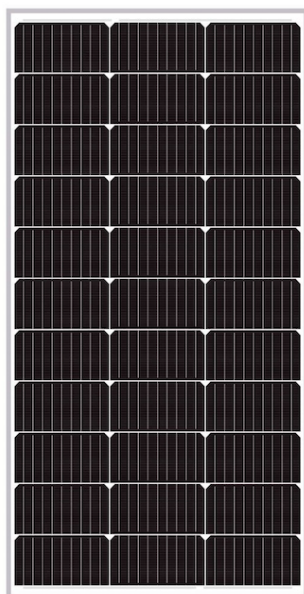


Solar Module 100 W for Off-Grid Applications



CE



DESIGNED
IN ITALY

IDEAL FOR
OFF-GRID
APPLICATIONS

FU100 M Nova Monocrystalline 33 cutted cells

- **10-year product warranty**
- Positive sorting of power classes 0-3 Wp
- **Ideal for off-grid applications**
- **Tempered safety 3.2 mm glass**
to optimize the balance between
mechanical stability and transparency
- **High mechanical stability**
(snow load 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 - Ideal for Off-grid applications

ELECTRICAL DATA

MODULE

FU 100 M Nova

Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - measuring tolerance <3%

Module power (Pmax)	W	100
Nominal voltage	V	12
Maximum power voltage (Vmpp)	V	19.14
Maximum power current (Imp)	A	5.22
Open circuit voltage (Voc)	V	22.44
Short circuit current (Isc)	A	5.54
Maximum system voltage	V	1000

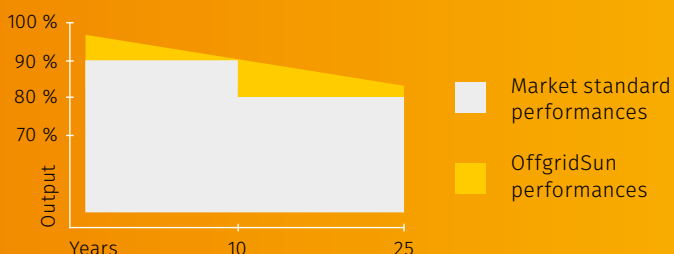
TEMPERATURE RATINGS

Temperature coefficient (Isc)	%/°C	+0.05
Temperature coefficient (Voc)	%/°C	-0.29
Temperature coefficient (Pmax)	%/°C	-0.34
NOCT*	°C	45
Operating temperature	°C	from -40 to +85

*Nominal Operating Cell Temperature

MECHANICAL SPECIFICATIONS

Dimensions	908 x 578 x 30 mm
Weight	6.5 kg
Glass	3.2 mm, high transmission, tempered glass
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	33 monocrystallin cutted cells
Backsheet	Composite multilayer film - White
Frame	Silver aluminium frame with mounting and drainage holes
Junction box	Junction box with 900 mm cables



Performance guarantee

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

- 98% at the end of first year
- 90% at the end of 10th year
- 80% at the end of 25th year

Product guarantee

10 years



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