



FU 300-310 MIT

Monocrystalline Photovoltaic Module - 60 cells

Made in EU

GENERAL FEATURES



- **Total black look**
- **12-year product warranty**
- **Positive sorting** of power classes from 0-5 Wp
- **4 bus-bar high-efficiency cells** decrease ohmic losses and increase the yield
- **High stability** against wind (2400 Pascal) and snow (5400 Pascal)
- **Tempered safety glass** for optimal mechanical stability and transparency

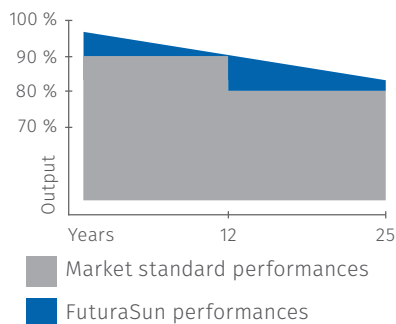
- Maximum resistance against hail (83 km/h)
- Water repellent, high transmittance and anti-reflective glass coating, to increase yield and avoid dust deposition

CERTIFICATIONS

- IEC 61730-1:2013 61730-2:2012
- IEC 61215:2005
- Factory inspection made in EU
- Fire Resistance - Class 1

GUARANTEES

PERFORMANCE GUARANTEE



Performance guarantee

Max power decrease 0.7%/year
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

ELECTRICAL DATA

MODULE		FU 300 MIT	FU 310 MIT
<i>Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - measuring tolerance <3%</i>			
Module power (Pmax)	W	300	310
Module efficiency	%	18,4	19,00
Maximum power voltage (Vmpp)	V	32,64	33,33
Maximum power current (Impp)	A	9,19	9,30
Open circuit voltage (Voc)	V	39,24	40,31
Short circuit current (Isc)	A	9,74	9,88
Maximum system voltage	V	1000	1000

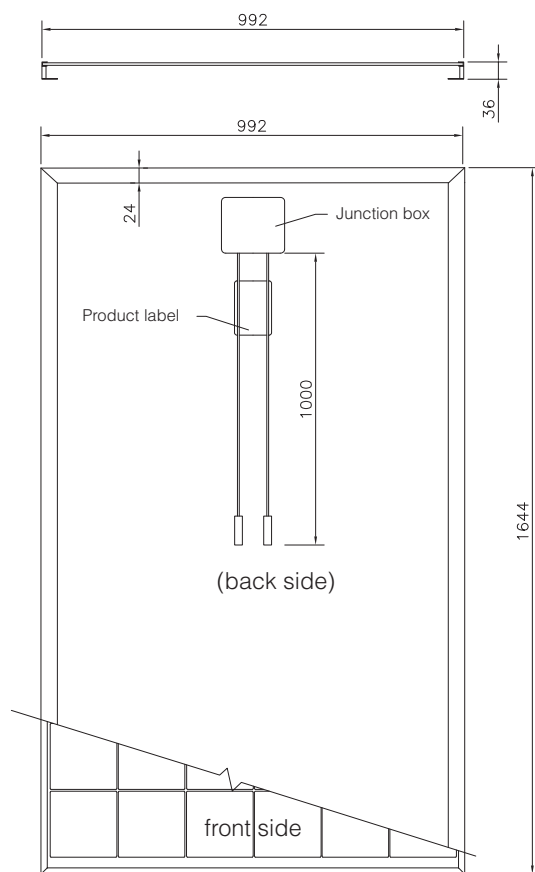
TEMPERATURE RATINGS

Temperature coefficient Isc	%/°C	0,03
Temperature coefficient Voc	%/°C	-0,34
Temperature coefficient Pmax	%/°C	-0,43
NOCT *	°C	43±2
Operating temprature	°C	from -40 a +85

* Nominal Operating Cell Temperature

MECHANICAL SPECIFICATIONS

Dimensions	1644 x 992 x 36 mm
Weight	22 kg
Glass	Tempered, transparent, 4 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	60 four bus-bar monocrystalline cells 156x156 mm
Backsheet	Composite multilayer film
Frame	Anodized aluminium frame with mounting and drainage holes
Junction box	Dimensions: 115x100 mm, IP 67 approved
Cables	Length 1000 mm assembled with PV4



Nota: dimensions in mm

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