



FU 240 / 245 / 250 / 255 / 260 EU

Polycrystalline Photovoltaic Module

Made in Europe

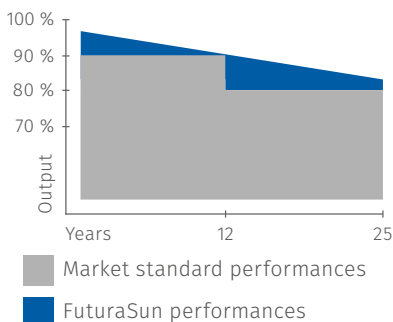
GENERAL FEATURES

- 12-year product warranty
- Positive sorting of power classes 0-5 Wp
- 3 bus-bar high-efficiency cells decrease ohmic losses and increase the yield
- Tempered safety 3.2 mm glass to optimize the balance between mechanical stability and transparency
- High stability against wind (2400 Pascal) and snow (5400 Pascal)
- Maximum resistance against hail (83 km/h)
- Vertical packaging to avoid microcracks



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



cobat



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ELECTRICAL DATA

MODULE		FU 240 EU	FU 245 EU	FU 250 EU	FU 255 EU	FU 260 EU
<i>Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - measuring tolerance <3%</i>						
Module power (Pmax)	W	240	245	250	255	260
Module efficiency	%	14.8	15.1	15.4	15.6	16
Maximum power voltage (Vmpp)	V	30	30.3	30.6	30.8	31
Maximum power current (Impp)	A	8	8.1	8.2	8.3	8.4
Open circuit voltage (Voc)	V	37.9	38.2	38.4	38.6	38.7
Short circuit current (Isc)	A	8.6	8.6	8.6	8.8	9
Maximum system voltage	V	1000	1000	1000	1000	1000
<i>Nominal Operating Cell Temperature NOCT: 800 W/sqm - T=45 °C - AM 1.5</i>						
Module power (Pmax)	W	177	181	183	185	189
Maximum power voltage (Vmpp)	V	27.80	27.80	27.97	28.07	28.26
Maximum power current (Impp)	A	6.38	6.50	6.54	6.59	6.70
Open circuit voltage (Voc)	V	34.4	34.96	35.1	35.3	35.4
Short circuit voltage (Isc)	A	6.84	6.97	6.99	7.10	7.22

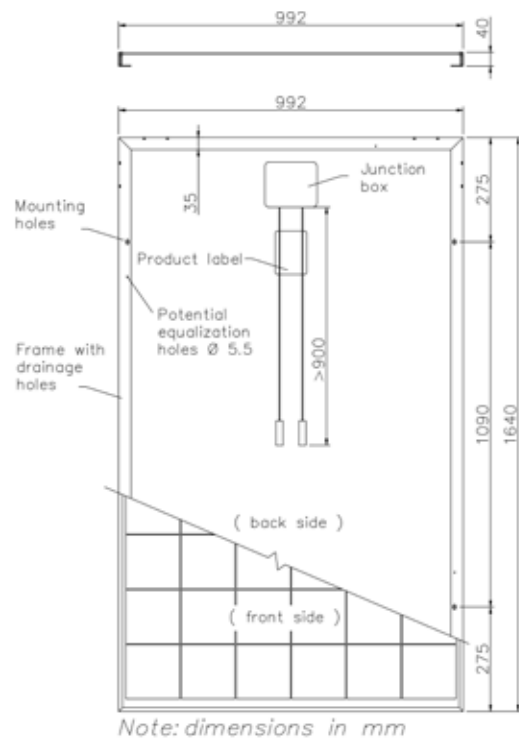
TEMPERATURE RATINGS

Temperature coefficient Isc	%/°C	0.08
Temperature coefficient Voc	%/°C	-0.33
Temperature coefficient Pmax	%/°C	-0.42
NOCT *	°C	45
Operating temprature	°C	da -40 a +85

* Nominal Operating Cell Temperature

MECHANICAL SPECIFICATIONS

Dimensions	1640 x 992 x 40 mm
Weight	18 kg
Glass	Tempered, transparent, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	60 three bus-bar polycrystalline cells 156x156 mm
Backsheet	Composite multilayer film
Frame	Anodized aluminium frame with mounting and drainage holes
Junction box	3 by-pass diodes, lateral cables for an easier connection
Cables	Solar cable, length 900 mm assembled with MC4-combinable plugs EN50521 certified



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