



# FU 240 / 245 / 250 / 255 / 260 P

Polycrystalline Photovoltaic Module - 60 Cells

Italian Design & Development

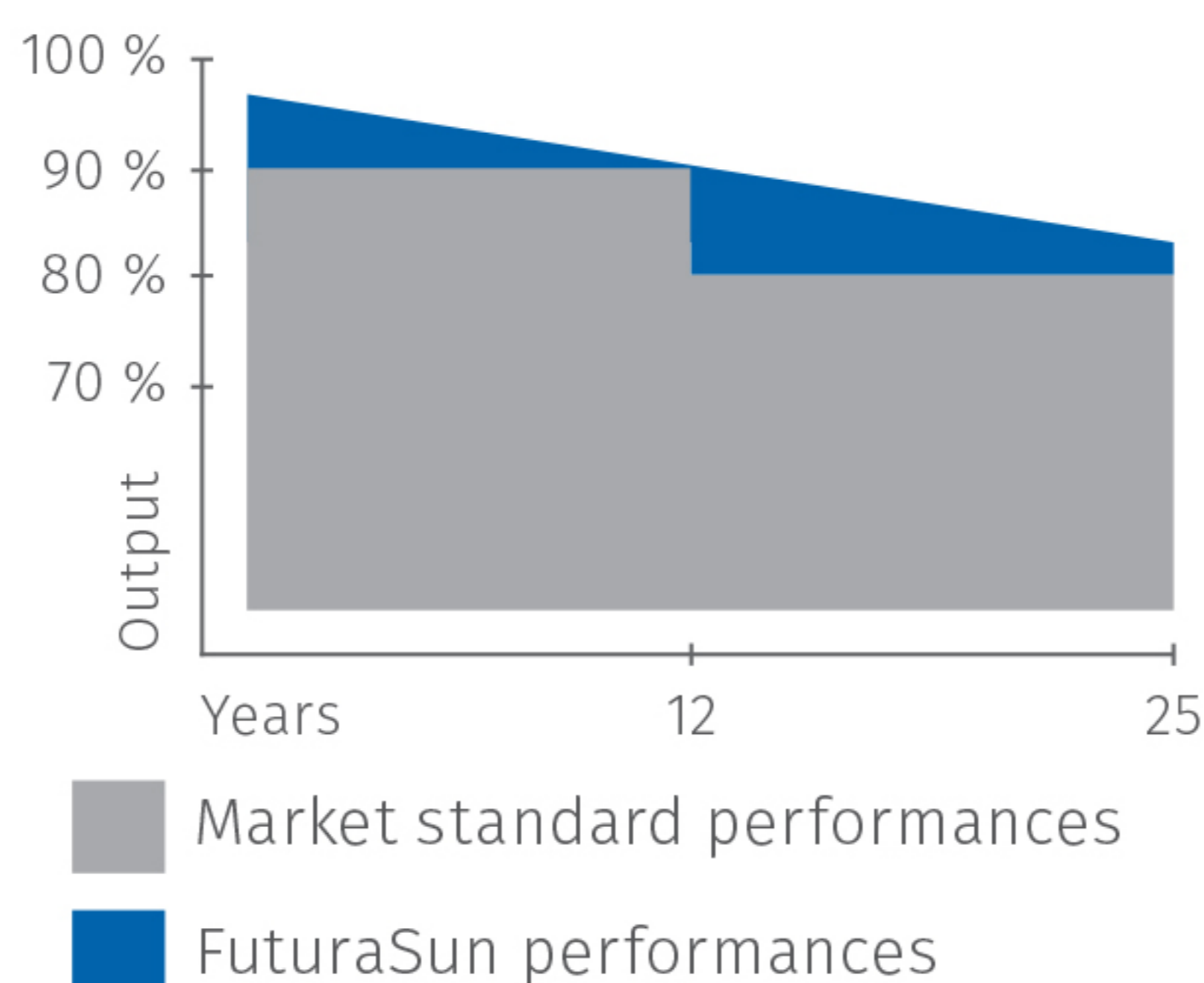


## GENERAL FEATURES

- **12-year product warranty**
- **Positive sorting** of power classes from 0 to +5 Wp
- **4 bus-bar high-efficiency cells** decrease ohmic losses and increase the yield
- **Tempered 3.2 mm safety glass** for optimal mechanical stability and transparency
- **High stability** against wind (2400 Pascal) and snow (5400 Pascal)
- Maximum resistance against hail (83 km/h)
- Water repellent, high transmittance and anti-reflective glass coating, to increase yield and avoid dust deposition
- **Certified salt corrosion resistance**

## GUARANTEES

### PERFORMANCE GUARANTEE



### Performance guarantee

Max power decrease 0.7%/year  
 97% at the end of first year  
 90% at the end of 12<sup>th</sup> year  
 82% at the end of 25<sup>th</sup> year

### Product guarantee

12 years



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## ELECTRICAL DATA

MODULE		FU 240 P	FU 245 P	FU 250 P	FU 255 P	FU 260 P
<i>Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - measuring tolerance &lt;3%</i>						
Module power (Pmax)	W	240	245	250	255	260
Module efficiency	%	14.7	15.0	15.3	15.6	15.9
Maximum power voltage (Vmpp)	V	29.7	30	30.3	30.6	30.9
Maximum power current (Impp)	A	8.1	8.18	8.26	8.34	8.42
Open circuit voltage (Voc)	V	36.9	37.25	37.55	37.85	38.15
Short circuit current (Isc)	A	8.67	8.75	8.83	8.91	8.99
Maximum reverse current (Ir)	A	15	15	15	15	15
Maximum system voltage	V	1000	1000	1000	1000	1000

*Nominal Operating Cell Temperature NOCT: 800 W/mq - T=45 °C - AM 1.5*

Module power (Pmax)	W	177	181	185	189	193
Maximum power voltage (Vmpp)	V	27.15	27.45	27.75	28.05	28.35
Maximum power current (Impp)	A	6.54	6.6	6.67	6.73	6.79
Open circuit voltage (Voc)	V	33.6	33.9	34.2	34.5	34.8
Short circuit current (Isc)	A	7.11	7.18	7.24	7.3	7.37

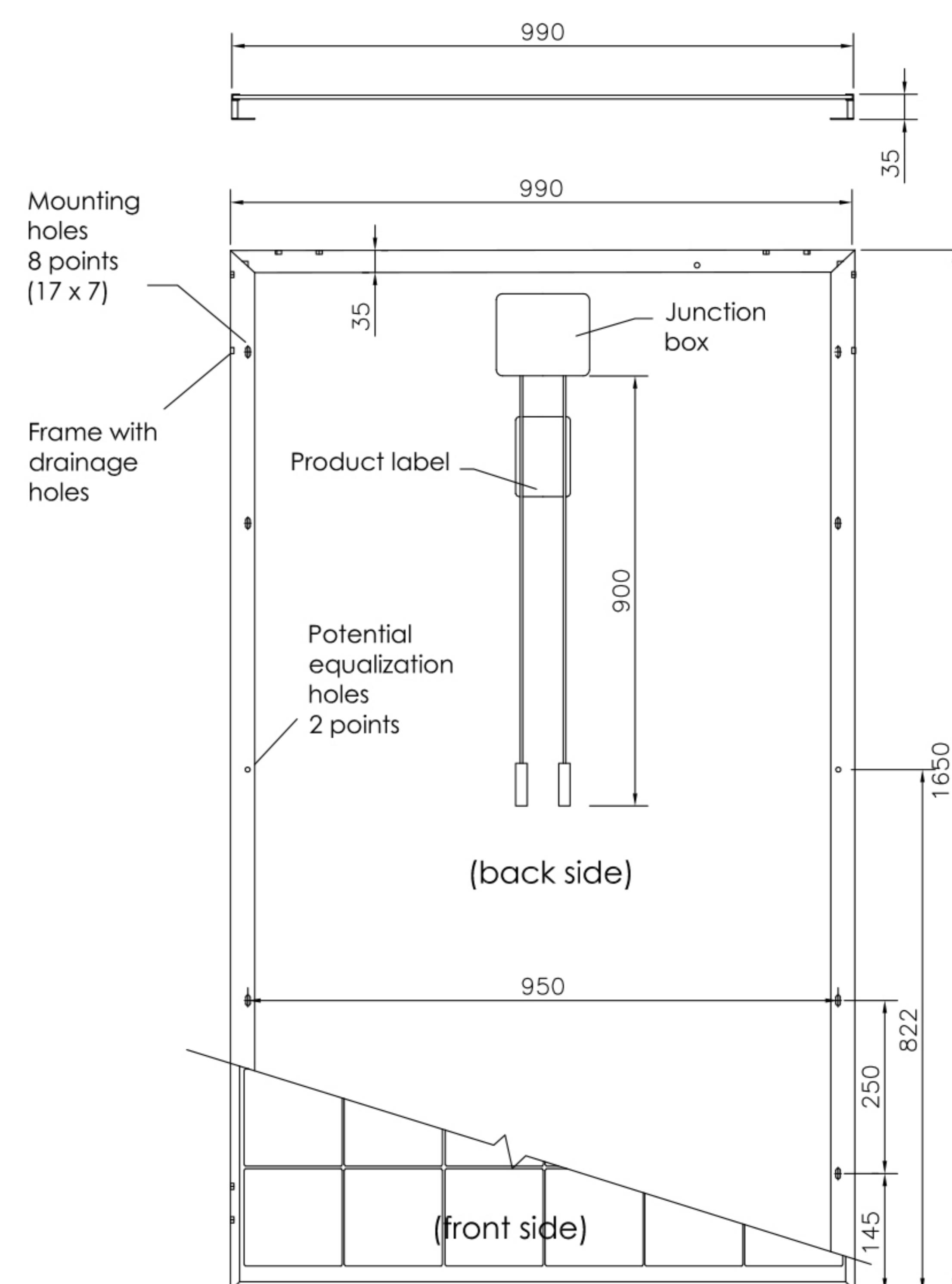
### TEMPERATURE RATINGS

Temperature coefficient Isc	%/°C	0.06
Temperature coefficient Voc	%/°C	-0.26
Temperature coefficient Pmax	%/°C	-0.36
NOCT *	°C	45
Operating temperature	°C	from -40 to +85

\* Nominal Operating Cell Temperature

### MECHANICAL SPECIFICATIONS

Dimensions	1650 x 990 x 35 mm
Weight	17,7 kg
Glass	Tempered, transparent, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	60 four bus-bar polycrystalline cells 156x156 mm
Backsheet	Composite multilayer film
Frame	Anodized aluminium frame with mounting and drainage holes
Junction box	Dimensions: 130 x 150 x 26 mm, IP 65 approved
Cables	Solar cable, length 900 mm assembled with MC4-combinable plugs



Note: dimensions in mm

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