



FU 150 P

Polycrystalline Photovoltaic Module - 36 Cells

Italian Design & Development

GENERAL FEATURES

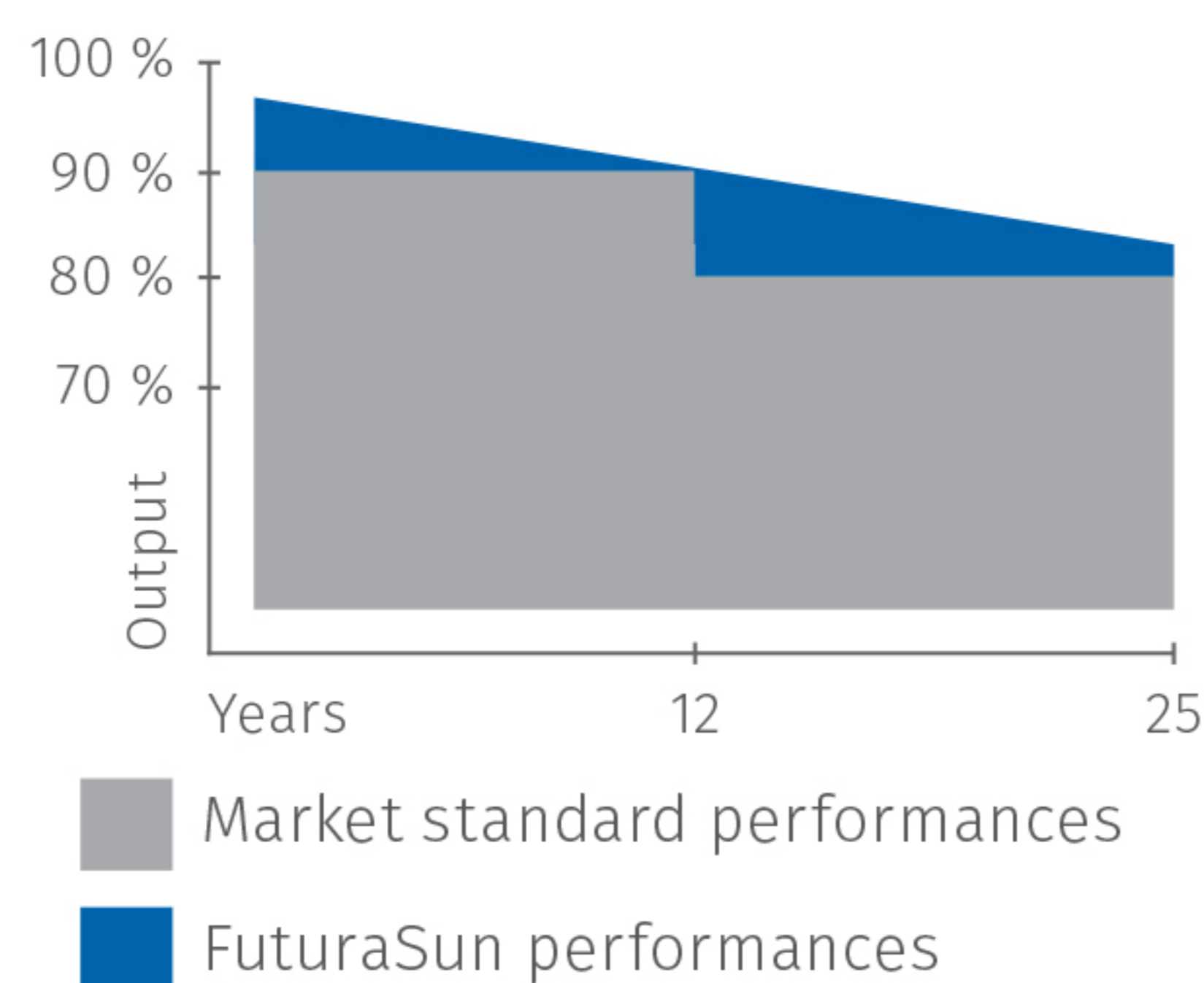


- **12-year product warranty**
- **Positive sorting** of power classes from 0 to +5 Wp
- **3/4 bus-bar high-efficiency cells** decrease ohmic losses and increase the yield
- **Tempered 3.2 mm safety glass** for optimal mechanical stability and transparency
- **High stability** against wind (2400 Pascal) 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 12th year
 82% at the end of 25th year

Product guarantee

12 years

ELECTRICAL DATA

MODULE	FU 150 P	
<i>Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - measuring tolerance <3%</i>		
Module power (Pmax)	W	150
Module efficiency	%	15.13
Maximum power voltage (Vmpp)	V	17.9
Maximum power current (Impp)	A	8.38
Open circuit voltage (Voc)	V	22.2
Short circuit current (Isc)	A	8.9

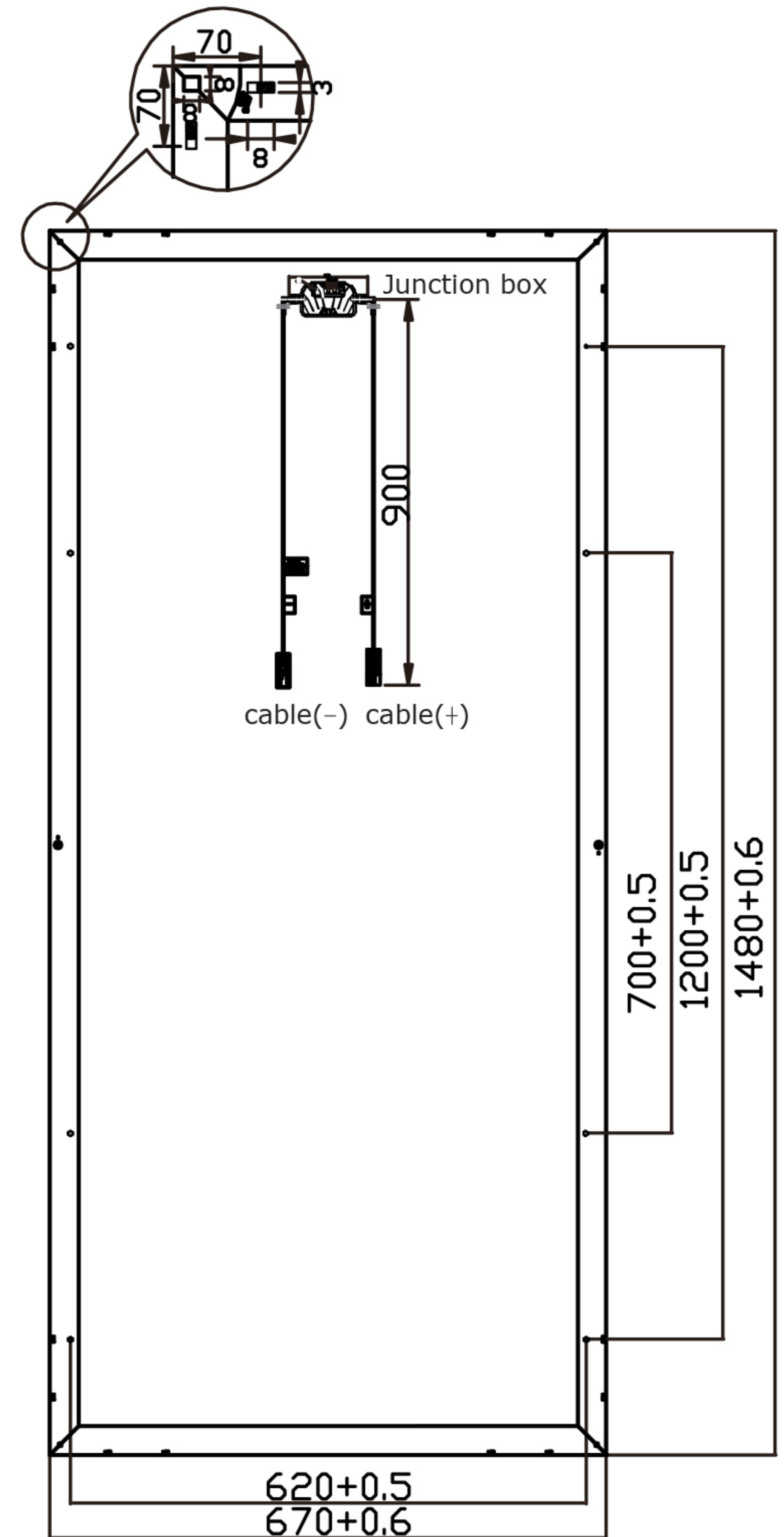
MECHANICAL SPECIFICATIONS

Dimensions	1480 x 670 x 30 mm
Weight	12 kg
Glass	Tempered, transparent, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	36 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

TEMPERATURE RATINGS

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

* Nominal Operating Cell Temperature



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