



X-LINE

Photovoltaic high-performance modules

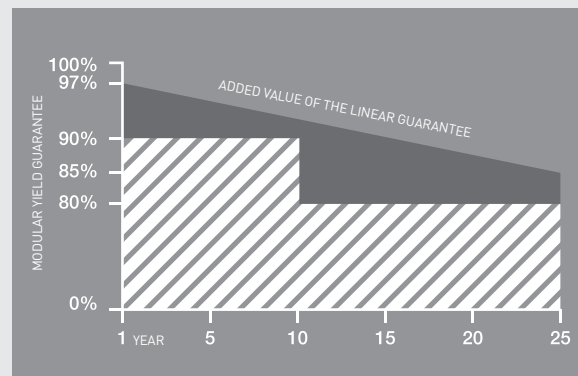
60-monokristalline and
polykristalline cells
PV high-performance modules

- Guaranteed positive outputtolerance of 0...+5 Wp by single measuring
- Maximum 8000 Pa snow load
- Maximum stability trough aluminium frame Soft-Grip
- High quality junction-box an connector systems
- **MADE IN SOUTH TYROL - ITALY**

**15 years manufacturer's
warranty**

**25 years linear performance
guarantee**

**Modern and fully automated
production**





X-LINE

Polycrystalline 60 cells



Type	EXP 250/156-60	EXP 260/156-60	EXP 270/156-60
Nominal output P _{mp}	250Wp	260Wp	270Wp
Nominal voltage U _{mp}	30,70V	30,92V	31,12V
Nominal current I _{mp}	8,18A	8,43A	8,71A
Short circuit current I _{sc}	8,41A	9,01A	9,25A
Open circuit voltage U _{oc}	37,80V	38,00V	38,21V
Module conversion efficiency	15,59%	15,98%	16,60%

Electrical characteristics (at Standard Test Conditions (STC) of irradiance 1000W/m², spectrum AM 25°C)

Design

Frontside	3,2 mm anti-reflective glass
Cells	60 polycrystalline high efficiency cells 156x156 mm (6")-4BB
Backside	Composite film
Frame	40mm silver anodized aluminium frame

Mechanical data

LxWxH	1650x992x40mm
Weight	19,5 kg with frame

Power connection

Socket	Protection class IP67 (3 bypass diodes)
Wire	Approx 110 cm / 4 mm ²
Plug-in system	Plug / Socket IP67

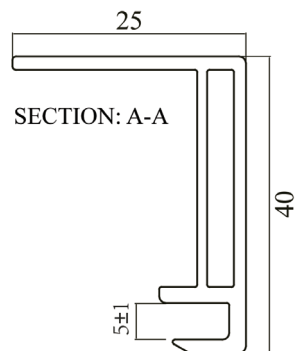
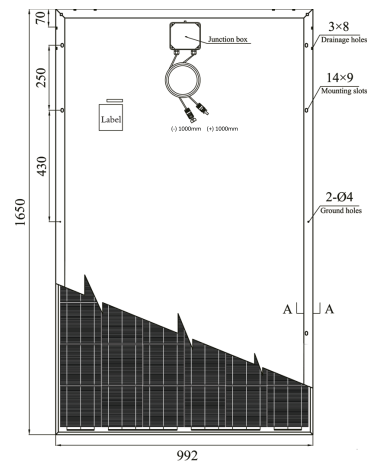
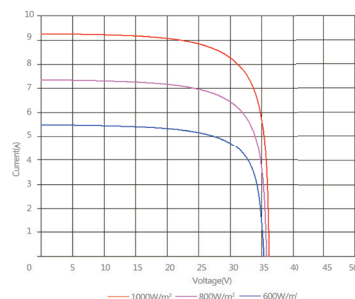
Limit values

System voltage	1000VDC
NOCT*	45°C +/- 2K
Max. load-carrying capacity	5400 N/m ² tested to 8000 Pa
Reverse current feed IR	16,0 A

*NOCT, irradiance 800 W/m²; AM 1.5; wind speed 1 m/sec; Temperature 20°C]

Temperature coefficient

Voltage U _{oc}	-0,30%/K
Current I _{sc}	+0,04%/K
Output P _{mp}	-0,42%/K



UNIT: mm



The high automation of the production process and continuous controls in the working phase guarantee the best price-performance ratio, the maximal efficiency and energy reproducibility of the PV modules.



EXE Solar operates in the renewable energy sector, developing its own core business in the PV modules yield. EXE Solar is becoming a reference point of the European PV industry due to high quality module production with elevated technology innovation content. The EXE Solar mission is thrust toward innovation.



Every EXE Solar module undergoes a strict revision protocol and a final test. Furthermore, the narrow collaboration with the principal testing institutes proves the high qualitative standards of the production.

EXE Srl

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