



THE NATURE POWER



# X-Line

60 polycrystalline cells  
photovoltaic high-performance  
modules

A-EXP250/156-60  
A-EXP260/156-60  
A-EXP270/156-60



12 years manufacturer's warranty



Guaranteed positive output tolerance of 0 ... + 5Wp by measuring single



Maximum 8000Pa snow load



Maximum stability through the aluminum frame Soft Grip



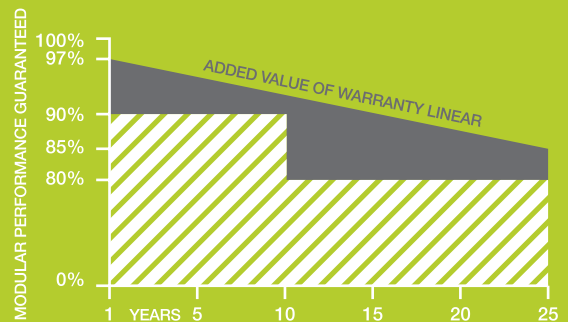
High quality connection box



25-year linear performance guarantee



Class 1 fire resistance





# X-Line polycrystalline 60 cells

Electrical data (at standard conditions (STC) irradiance 1000 watt/m<sup>2</sup>, spectrum AM 1.5 at a cell temperature of 25° C)

Type	Nominal output P <sub>mpp</sub>	Nominal voltage U <sub>mpp</sub>	Nominal current I <sub>mpp</sub>	Short circuit current I <sub>sc</sub>	Open circuit voltage U <sub>oc</sub>	Module conversion efficiency
A-EXP250/156-60	250 Wp	30,70 V	8,18 A	8,71 A	37,80 V	15,37 %
A-EXP260/156-60	260 Wp	30,92 V	8,43 A	9,01 A	38,00 V	15,98 %
A-EXP270/156-60	270 Wp	30,94 V	8,80 A	9,41 A	39,26 V	16,40 %

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

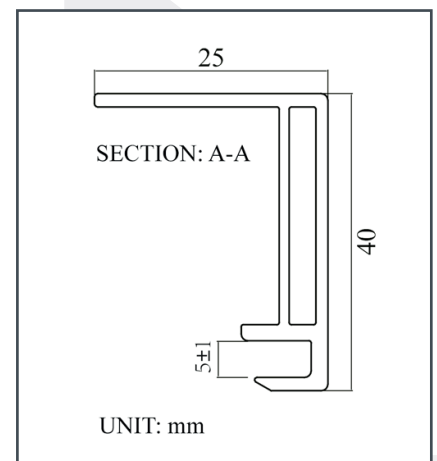
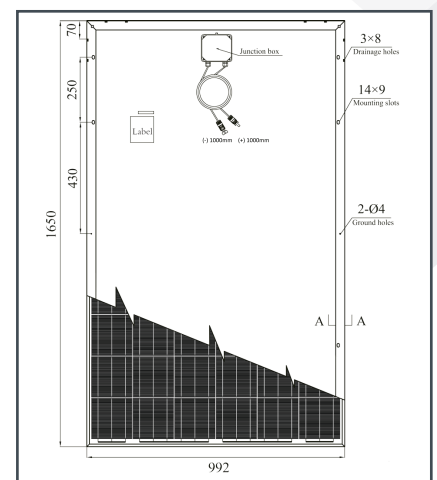
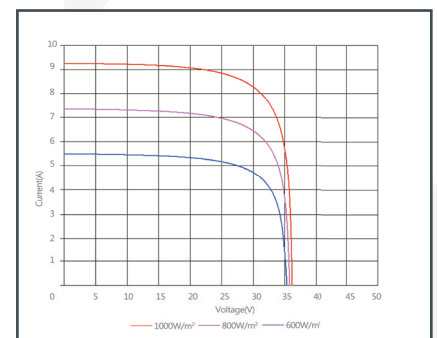
Mechanical data	
LxWxH	1650x992x40 mm
Weight	19,5 kg with frame

Power connection	
Socket	Protection class IP65 (3 bypass diodes)
Wire	Approx 110 cm / 4 mm <sup>2</sup>
Plug-in system	Plug / Socket IP67

Limit values	
System voltage	1000 VDC
NOCT (nominal operating cell temperature)*	45 °C +/- 2K
Max. load-carrying capacity	5400N / m <sup>2</sup> tested to 8000Pa
Reverse current feed IR	16,0 A

\* NOCT, irradiance 800 W/m<sup>2</sup>; AM 1,5; wind speed 1 m/s; Temperature 20°C

Temperature coefficients	
Voltage U <sub>oc</sub>	-0,30 %K
Current I <sub>sc</sub>	0,04 %K
Output P <sub>mpp</sub>	-0,42 %K



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