



- Guaranteed positive output tolerance of 0...+5 Wp by single measuring
- Maximum 8000 Pa snow load
- 3,2 mm anti-reflective glass
- Maximum stability trough aluminium frame Soft-Grip
- 15 years manufacturer's warranty
25 years linear performance guarantee

X-LINE POLI 60

Polycrystalline 60 cells

Type EXP ... 156-60	225W*	230W*	235W*	240W*	245W	250W	255W	260W	270W	275W
Nominal output P _{mpp}	225Wp	230Wp	235Wp	240Wp	245Wp	250Wp	255Wp	260Wp	270Wp	275Wp
Nominal voltage U _{mpp}	29,10V	29,50V	29,70V	30,25V	30,36V	30,70V	30,80V	30,92V	31,12V	31,69V
Nominal current I _{mpp}	7,80A	7,92A	7,94A	7,98A	8,13A	8,18A	8,30A	8,43A	8,71A	8,70A
Short circuit current I _{sc}	8,39A	8,50A	8,52A	8,55A	8,67A	8,71A	8,84A	9,01A	9,19A	9,25A
Open circuit voltage U _{oc}	36,60V	36,80V	36,80V	37,20V	37,50V	37,80V	37,92V	38,00V	38,21V	39,46V
Module conversion efficiency	14,10%	14,44%	14,44%	14,75%	15,06%	15,59%	15,67%	15,98%	16,60%	16,70%

Electrical characteristics (at Standard Test Conditions (STC) of irradiance 1000W/m², spectrum AM 25°C)
* = 3BB

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

Power connection

Socket	Protection class IP 67 (3 bypass diodes)
Wire	Approx 110 cm / 4 mm ²
Plug-in system	Plug / Socket IP 67

Mechanical data

LxWxH	1650x991x40mm
Weight	19,5 kg with frame

Temperature coefficient

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

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)

