



AC-260P/156-60S
AC-265P/156-60S
AC-270P/156-60S

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AXITEC
high quality german solar brand

AXIworldpower

60 cell polycrystalline
High performance photovoltaic module

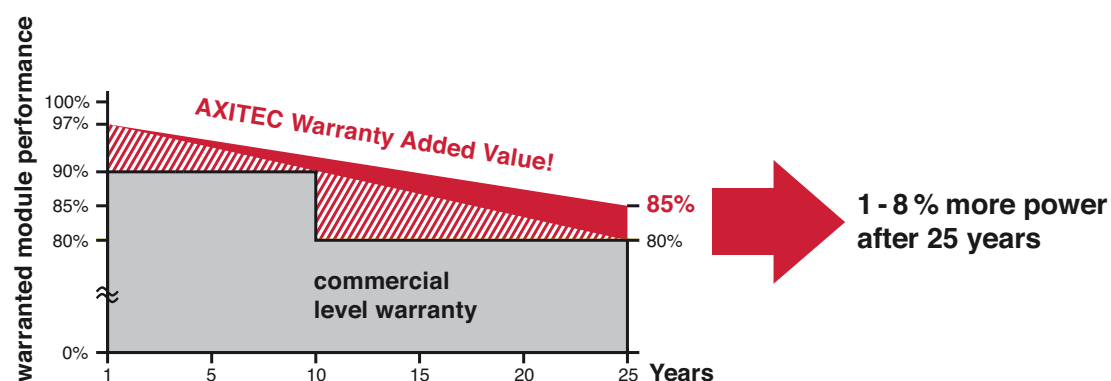
The advantages:

- 12** Years 12 years manufacturer's warranty
- P-Max** Highest performance due to specifically selected technologies and materials
- + Wp** Guaranteed positive power tolerance from 0-5 Wp by individual measurement
- 5.400 Pa** Maximum 5400 Pa snow load
- 100%** 100 % electroluminescence inspection
- IP 67** High quality junction box and connector systems



Exclusive linear AXITEC high performance guarantee!

- 15 years manufacturer's guarantee on 90 % of the nominal performance
- 25 years manufacturer's guarantee on 85 % of the nominal performance



Distributed by:



Electrical data (at standard conditions (STC) irradiance 1000 watt/m², spectrum AM 1,5 at a cell temperature of 25°C)

Type	Nominal output P _{mp}	Nominal voltage U _{mp}	Nominal current I _{mp}	Short circuit current I _{sc}	Open circuit voltage U _{oc}	Module conversion efficiency
AC-260P/156-60S	260 Wp	30,92 V	8,43 A	9,01 A	38,00 V	15,98 %
AC-265P/156-60S	265 Wp	30,98 V	8,60 A	9,20 A	38,16 V	16,29 %
AC-270P/156-60S	270 Wp	31,12 V	8,71 A	9,25 A	38,21 V	16,60 %

Design

Frontside	3,2 mm hardened, low-reflection white glass
Cells	60 polycrystalline high efficiency cells 156 mm x 156 mm (6")
Backside	Composite film
Frame	40 mm silver anodized aluminium frame

Mechanical data

L x W x H	1640 x 992 x 40 mm
Weight	18,0 kg with frame

Power connection

Socket	Protection Class IP67 (3 bypass diodes)
Wire	approx. 1,0 m, 4 mm ²
Plug-in system	Plug/socket IP67

Limit values

System voltage	1000 VDC
NOCT (nominal operating cell temperature)*	45°C +/-2K
Max. load-carrying capacity	5400 N/m ²
Reverse current feed IR	15,0 A
Permissible operating temperature	-40°C to 85°C / -40°F to 185°F

(No external voltages greater than U_{oc} may be applied to the module)

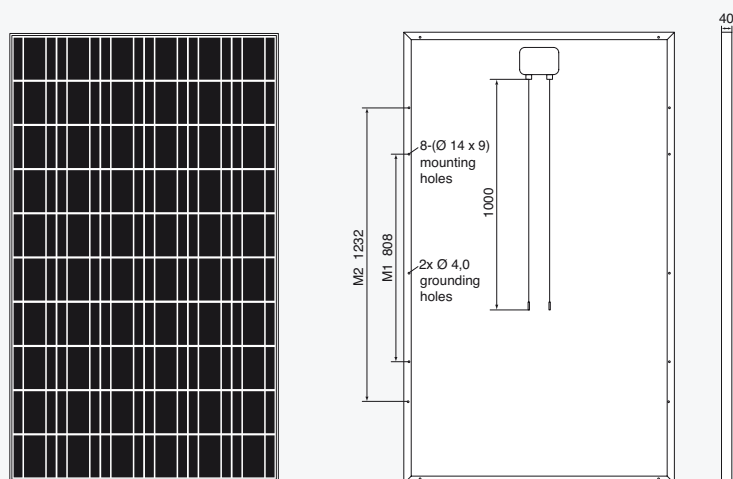
* NOCT, irradiance 800 W/m²; AM 1,5;
wind speed 1 m/s; Temperature 20°C

Temperature coefficients

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

Low-light performance (Example for AC-270P/156-60S)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	1,88 A	30,42 V
400 W/m ²	3,82 A	30,65 V
600 W/m ²	5,78 A	30,90 V
800 W/m ²	7,05 A	31,06 V
1000 W/m ²	8,71 A	31,12 V



All dimensions in mm