



315 - 335 Wp

AXIworldpower

72 cell polycrystalline
High performance solar module

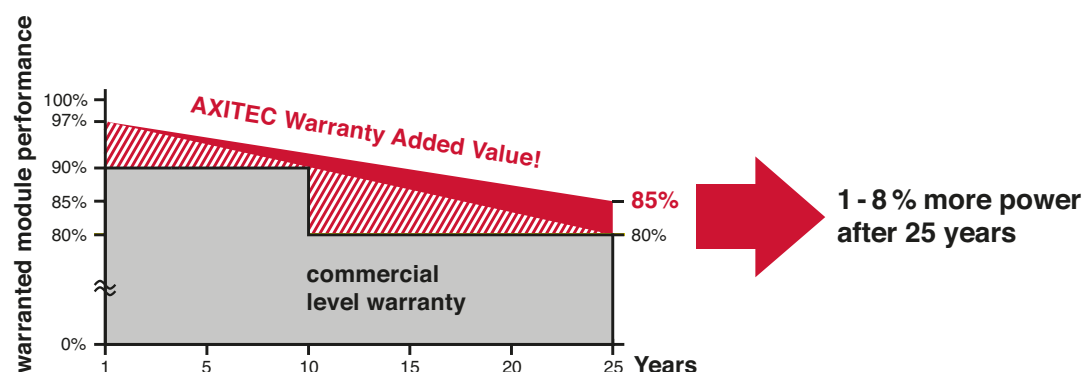
The advantages:

- 15** Years 15 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
- 2.400 Pa** Maximum 2400 Pa snow load
- 100%** 100% electroluminescence inspection
- IP 68** 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



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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 _{mpp}	Nominal voltage U _{mpp}	Nominal current I _{mpp}	Short circuit current I _{sc}	Open circuit voltage U _{oc}	Module conversion efficiency
AC-315P/72S	315 Wp	37,28 V	8,45 A	8,91 A	45,60 V	16,13 %
AC-320P/72S	320 Wp	37,56 V	8,52 A	9,03 A	45,82 V	16,38 %
AC-325P/72S	325 Wp	37,66 V	8,63 A	9,15 A	45,92 V	16,64 %
AC-330P/72S	330 Wp	37,82 V	8,73 A	9,28 A	45,97 V	16,90 %
AC-335P/72S	335 Wp	37,98 V	8,83 A	9,30 A	46,45 V	17,15 %

Design

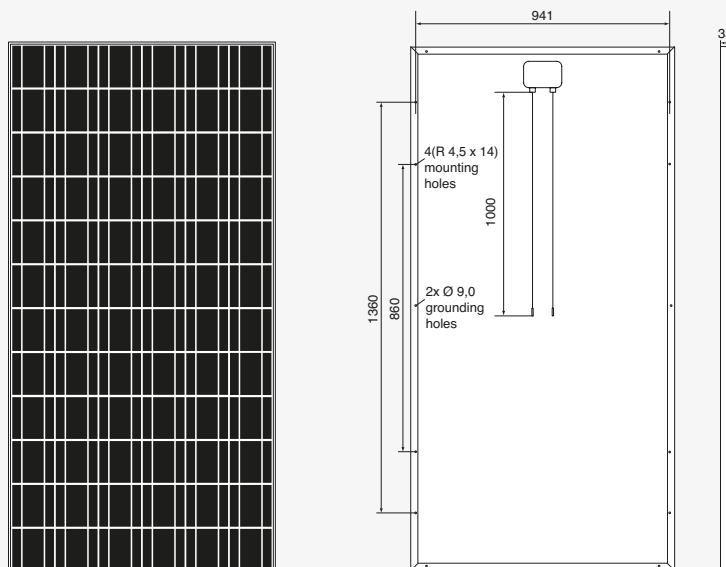
Frontside	3,2 mm hardened, low-reflection white glass
Cells	72 polycrystalline high efficiency cells
Backside	Composite film
Frame	35 mm silver aluminium frame

Mechanical data

L x W x H	1971 x 991 x 35 mm
Weight	21,5 kg with frame

Power connection

Socket	Protection Class IP68 (3 bypass diodes)
Wire	approx. 1,0 m, 4 mm ²
Plug-in system	Plug/socket IP68



All dimensions in mm

Limit values

System voltage	1000 VDC
NOCT (nominal operating cell temperature)*	45°C +/-2K
Max. load-carrying capacity	2400 N/m ²
Reverse current feed IR	15,0 A
Permissible operating temperature	-40°C to 85°C / -40F to 185F

(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 _{mpp}	-0,40 %/K

Low-light performance (Example for AC-330P/72S)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	2,24 A	36,40 V
400 W/m ²	3,85 A	36,42 V
600 W/m ²	5,58 A	37,34 V
800 W/m ²	7,03 A	37,75 V
1000 W/m ²	8,73 A	37,82 V