



325 - 335 Wp

AXITEC
high quality german solar brand

AXIpower

High performance solar module
72 cell, polycrystalline

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

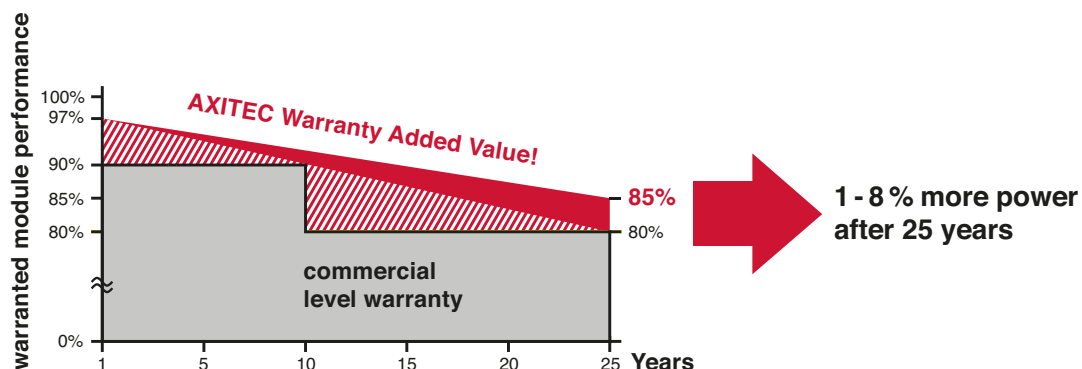


Fig. similar 72PEN200915A

AXIpower 325 - 335 Wp

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-325P/72S	325 Wp	37,66 V	8,63 A	9,15 A	45,92 V	16,75 %
AC-330P/72S	330 Wp	37,82 V	8,73 A	9,28 A	45,97 V	17,01 %
AC-335P/72S	335 Wp	37,98 V	8,83 A	9,30 A	46,45 V	17,26 %

Design

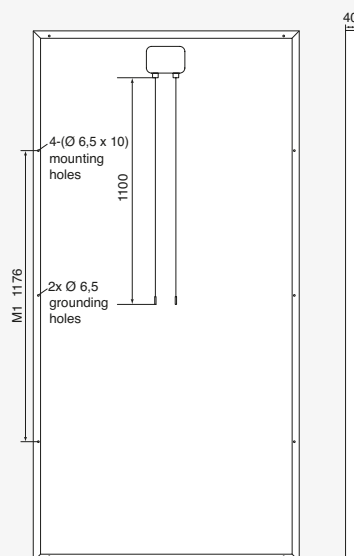
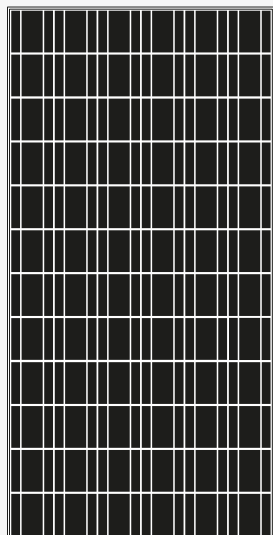
Frontside	3,2 mm hardened, low-reflection white glass
Cells	72 polycrystalline high efficiency cells
Backside	Composite film
Frame	40 mm silver aluminium frame

Mechanical data

L x W x H	1956 x 992 x 40 mm
Weight	23 kg with frame

Power connection

Socket	Protection Class IP68 (3 bypass diodes)
Wire	approx. 1,1 m, 4 mm ²
Plug-in system	Plug/socket IP68, Stäubli MC4 / MC4 pluggable



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	20,0 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-335P/72S)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	1,80 A	36,55 V
400 W/m ²	3,64 A	36,97 V
600 W/m ²	5,44 A	37,26 V
800 W/m ²	7,19 A	37,58 V
1000 W/m ²	8,83 A	37,98 V

Packaging

Module pieces per pallet	25
Module pieces per HC-container	600