



## 350 - 360 Wp

### AXIpremium

72 cell monocrystalline  
High performance solar module

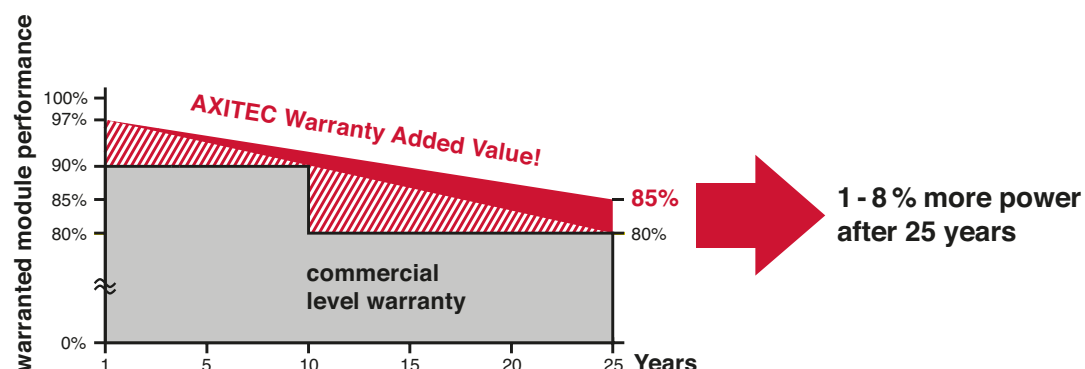
#### The advantages:

- 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 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





## AXIpremium 350 - 360 Wp

**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
AC-350M/72S	350 Wp	38,34 V	9,13 A	9,58 A	46,89 V	18,04 %
AC-355M/72S	355 Wp	38,63 V	9,19 A	9,66 A	47,16 V	18,30 %
AC-360M/72S	360 Wp	39,01 V	9,23 A	9,73 A	47,44 V	18,55 %

### Design

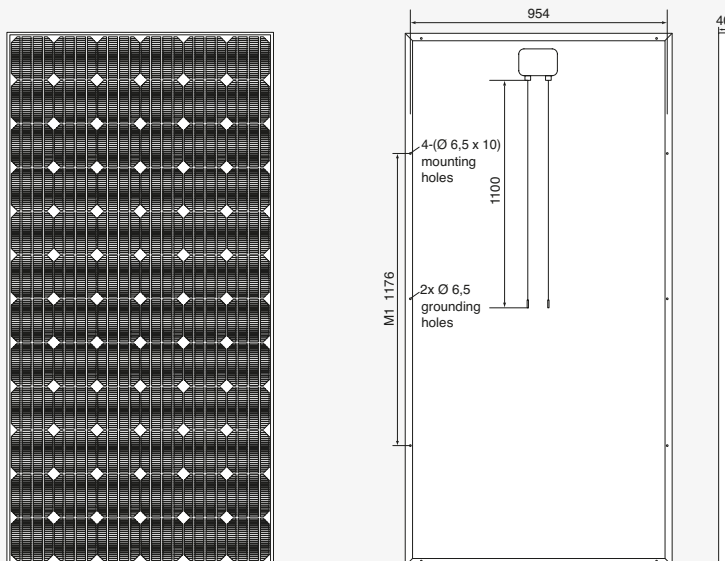
Frontside	3,2 mm hardened, low-reflection white glass
Cells	72 monocrystalline high efficiency cells 156 mm x 156 mm (6")
Backside	Composite film
Frame	40 mm silver anodized aluminium frame

### Mechanical data

L x W x H	1956 x 992 x 40 mm
Weight	23,0 kg with frame

### Power connection

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



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 <sup>2</sup>
Reverse current feed IR	20,0 A
Permissible operating temperature	-40°C to 85°C / -40F to 185F

(No external voltages greater than U<sub>oc</sub> may be applied to the module)

\* 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>	-0,29 %/K
Current I <sub>sc</sub>	0,04 %/K
Output P <sub>mpp</sub>	-0,39 %/K

### Low-light performance (Example for AC-360M/72S)

I-U characteristic curve	Current I <sub>pp</sub>	Voltage U <sub>pp</sub>
200 W/m <sup>2</sup>	2,00 A	37,55 V
400 W/m <sup>2</sup>	3,72 A	37,66 V
600 W/m <sup>2</sup>	5,60 A	37,75 V
800 W/m <sup>2</sup>	7,50 A	37,88 V
1000 W/m <sup>2</sup>	9,23 A	39,01 V

### Packaging

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