



## 325 - 340 Wp

## AXIworldpremium X HC

120 halfcell full-square monocrystalline  
High performance solar module

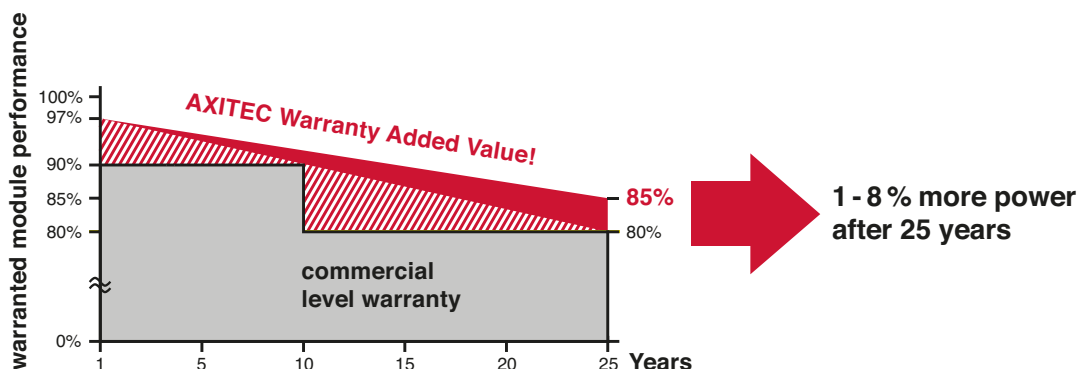
The advantages:

- 15** Years 15 years manufacturer's warranty
- HC** Highest module performance through Half-Cut-technology and tested 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 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



## AXIworldpremium X HC 325 - 340 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-325MH/120S	325 Wp	33,45 V	9,73 A	10,18 A	40,37 V	19,32 %
AC-330MH/120S	330 Wp	33,74 V	9,79 A	10,25 A	40,49 V	19,62 %
AC-335MH/120S	335 Wp	33,98 V	9,87 A	10,31 A	40,65 V	19,91 %
AC-340MH/120S	340 Wp	34,19 V	9,96 A	10,39 A	40,82 V	20,21 %

### Design

Frontside	3,2 mm hardened, low-reflection white glass
Cells	120 monocrystalline high efficiency cells
Backside	Composite film
Frame	35 mm silver aluminium frame

### Mechanical data

L x W x H	1689 x 996 x 35 mm
Weight	18,7 kg with frame

### Power connection

Socket	Protection Class IP68
Wire	approx. 1,0 m, 4 mm <sup>2</sup>
Plug-in system	Plug/socket IP68

### Limit values

System voltage	1000 VDC
NOCT (nominal operating cell temperature)*	45°C +/-2K
Max. load-carrying capacity	5400 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

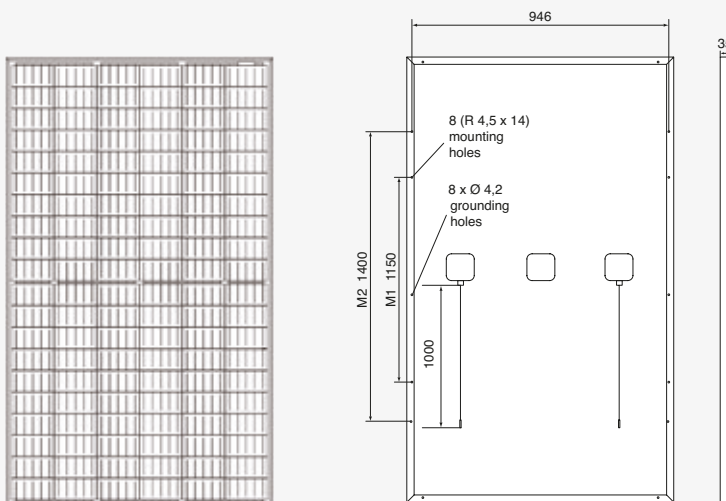
### Temperature coefficients

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-330MH/120S)

I-U characteristic curve	Current I <sub>pp</sub>	Voltage U <sub>pp</sub>
200 W/m <sup>2</sup>	2,60 A	31,75 V
400 W/m <sup>2</sup>	4,16 A	32,78 V
600 W/m <sup>2</sup>	6,50 A	33,39 V
800 W/m <sup>2</sup>	8,02 A	33,68 V
1000 W/m <sup>2</sup>	9,79 A	32,74 V



All dimensions in mm