



350 - 375 Wp

AXITEC
high quality german solar brand

AXIpremium XL HC

120 halfcell monocrystalline
High performance solar module

The advantages:



15 years manufacturer's warranty



Highest module performance through
Half-Cut-technology and tested materials



Guaranteed positive power tolerance
from 0-5 Wp by individual measurement



Maximum 5400 Pa snow load



100 % electroluminescence inspection



High stability due to AXITEC-Soft-Grip-Seam
aluminium frame construction

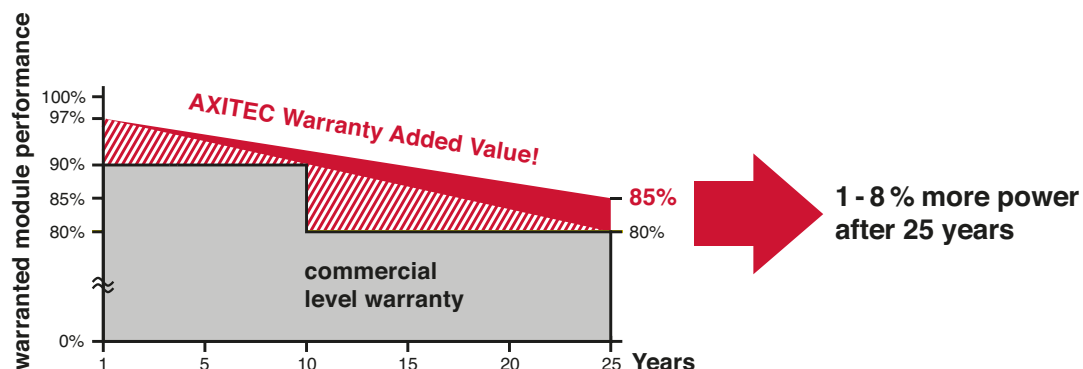


High quality junction box
and connector systems



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 XL HC 350 - 375 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-350MH/120V	350 Wp	33,30 V	10,52 A	11,02 A	40,50 V	19,21 %
AC-355MH/120V	355 Wp	33,49 V	10,61 A	11,12 A	40,72 V	19,49 %
AC-360MH/120V	360 Wp	33,69 V	10,69 A	11,22 A	40,92 V	19,76 %
AC-365MH/120V	365 Wp	33,89 V	10,78 A	11,30 A	41,12 V	20,04 %
AC-370MH/120V	370 Wp	34,09 V	10,86 A	11,39 A	41,32 V	20,31 %
AC-375MH/120V	375 Wp	34,29 V	10,94 A	11,46 A	41,56 V	20,59 %

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	1755 x 1038 x 35 mm
Weight	19,5 kg with frame

Power connection

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

Limit values

System voltage	1500 VDC
NOCT (nominal operating cell temperature)*	45°C +/-2K
Max. load-carrying capacity	5400 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

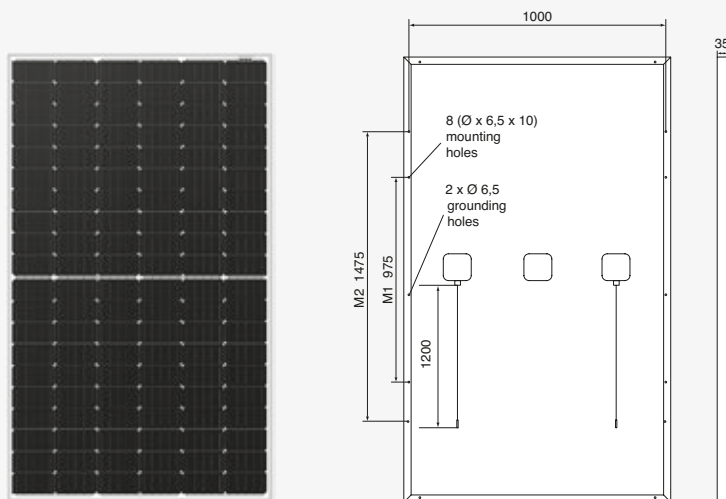
Voltage U _{oc}	-0,28 %/K
Current I _{sc}	0,04 %/K
Output P _{mpp}	-0,36 %/K

Low-light performance (Example for AC-375MH/120V)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	2,24 A	33,00 V
400 W/m ²	4,51 A	33,38 V
600 W/m ²	6,74 A	33,64 V
800 W/m ²	8,91 A	33,93 V
1000 W/m ²	10,94 A	34,29 V

Packaging

Module pieces per pallet	30
Module pieces per HC-container	780



All dimensions in mm