



360 - 385 Wp

AXITEC
high quality german solar brand

AXIpremium XL HC BLK

High performance solar module
120 halfcell, monocrystalline



German-Australian-Engineering

The advantages:

15
Years

15 years Manufacturer's warranty



High module performance through
Half-Cut-technology and selected materials



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



100% visual electroluminescence inspection
in production



High stability due to innovative frame design

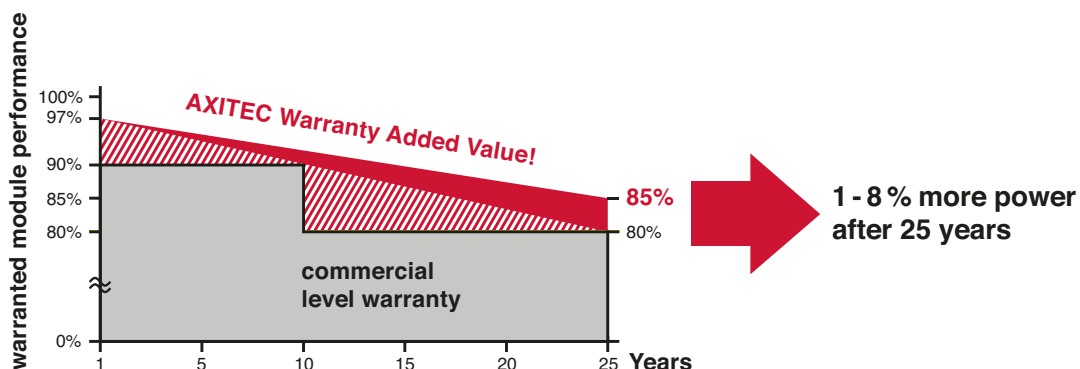


High quality junction box
and connector systems



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 BLK 360 - 385 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} (± 3 %)	Nominal voltage U _{mpp} (± 2 %)	Nominal current I _{mpp} (± 2 %)	Short circuit current I _{sc} (± 2 %)	Open circuit voltage U _{oc} (± 2 %)	Module conversion efficiency
AC-360MH/120VAU	360 Wp	34.10 V	10.56 A	11.25 A	40.60 V	19.76 %
AC-365MH/120VAU	365 Wp	34.30 V	10.65 A	11.34 A	40.80 V	20.04 %
AC-370MH/120VAU	370 Wp	34.50 V	10.73 A	11.42 A	41.00 V	20.31 %
AC-375MH/120VAU	375 Wp	34.70 V	10.81 A	11.51 A	41.20 V	20.59 %
AC-380MH/120VAU	380 Wp	34.90 V	10.89 A	11.59 A	41.40 V	20.86 %
AC-385MH/120VAU	385 Wp	35.10 V	10.97 A	11.67 A	41.60 V	21.13 %

Design

Frontside	3.2 mm hardened, low-reflection white glass
Cells	120 monocrystalline high efficiency cells
Backside	Composite film
Frame	35 mm black aluminium frame

Mechanical data

L x W x H	1755 x 1038 x 35 mm
Weight	20.0 kg with frame

Mechanical load

Design load (pressure/suction)	3600 Pa / 1600 Pa
Test load (pressure/suction)	5400 Pa / 2400 Pa

Power connection

Socket	Protection Class IP68
Wire	approx. 1.2 m, 4 mm ²
Plug-in system	Stäubli MC4 PV-KST4-EVO 2 / PV-KBT4-EVO 2

Limit values

System voltage	1500 VDC
Module Fire Performance	CLASS C
NOCT (nominal operating cell temperature)*	45°C +/-2K
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}	-0.27 %/K
Current I _{sc}	0.048 %/K
Output P _{mpp}	-0.35 %/K

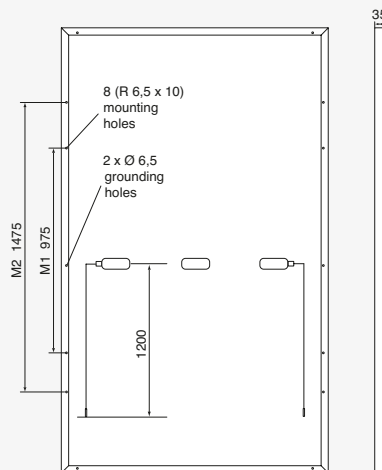
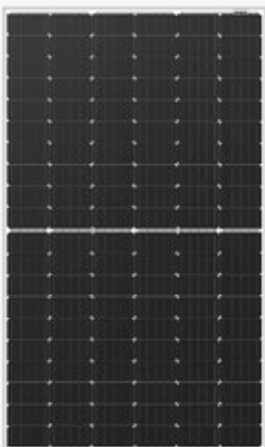
Low-light performance (Example for AC-385MH/120VAU)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	2.24 A	33.78 V
400 W/m ²	4.52 A	34.17 V
600 W/m ²	6.76 A	34.44 V
800 W/m ²	8.93 A	34.73 V
1000 W/m ²	10.97 A	35.10 V

Packaging

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

country of origin:
made in People's Republic of China



All dimensions in mm