



360 - 380 Wp

AXITEC
high quality german solar brand

AXIpremium XL HC

High performance solar module
120 halfcell, monocrystalline PERC

The advantages:

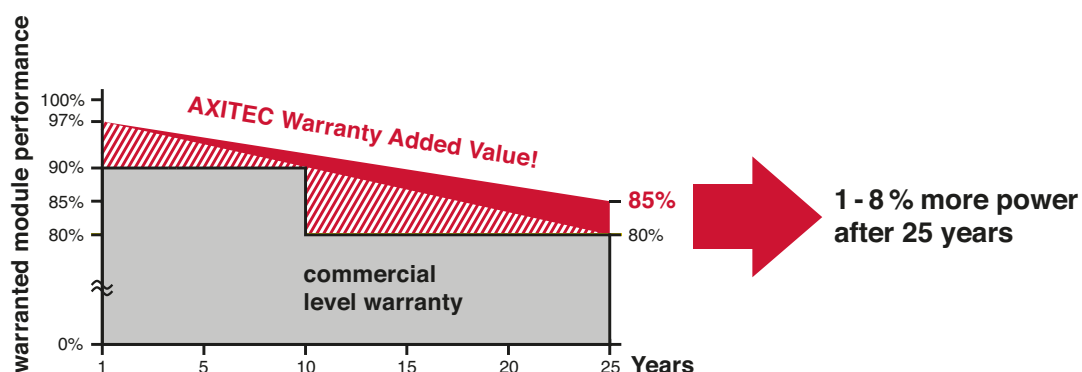
- 15** Years 15 years manufacturer's warranty
- HC** Highest module performance through Half-Cut-technology and tested materials
- Wp** Guaranteed positive power tolerance from 0-5 Wp by individual measurement
- 5.400 Pa** Maximum 5400 Pa snow load
- 100%** 100% electroluminescence inspection
- Soft Grip** High stability due to AXITEC-Soft-Grip-Seam aluminium frame construction
- IP 68** High quality junction box and connector systems



Fig. similar 120MH-IN201020A

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 360 - 380 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-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 %
AC-380MH/120V	380 Wp	34,49 V	11,02 A	11,53 A	41,72 V	20,86 %

Design

Frontside	3,2 mm hardened, low-reflection white glass
Cells	120 monocrystalline PERC 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 EVO2 / EVO2 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}	-0,27 %/K
Current I _{sc}	0,048 %/K
Output P _{mpp}	-0,35 %/K

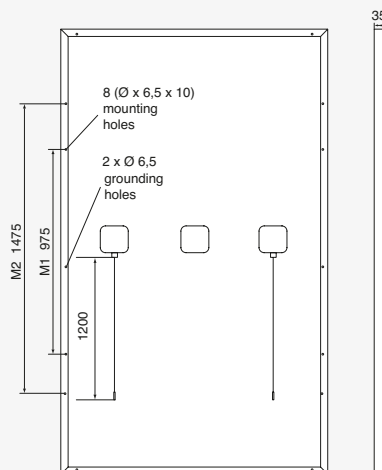
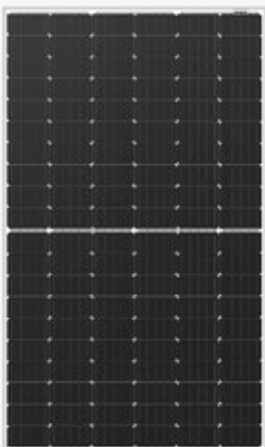
Low-light performance

 (Example for AC-380MH/120V)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	2,25 A	33,19 V
400 W/m ²	4,54 A	33,58 V
600 W/m ²	6,79 A	33,84 V
800 W/m ²	8,97 A	34,13 V
1000 W/m ²	11,02 A	34,49 V

Packaging

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



All dimensions in mm