



360 - 380 Wp

AXITEC
high quality german solar brand

AXIpremium XLM HC

High performance solar module
120 halfcell, monocrystalline

The advantages:



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

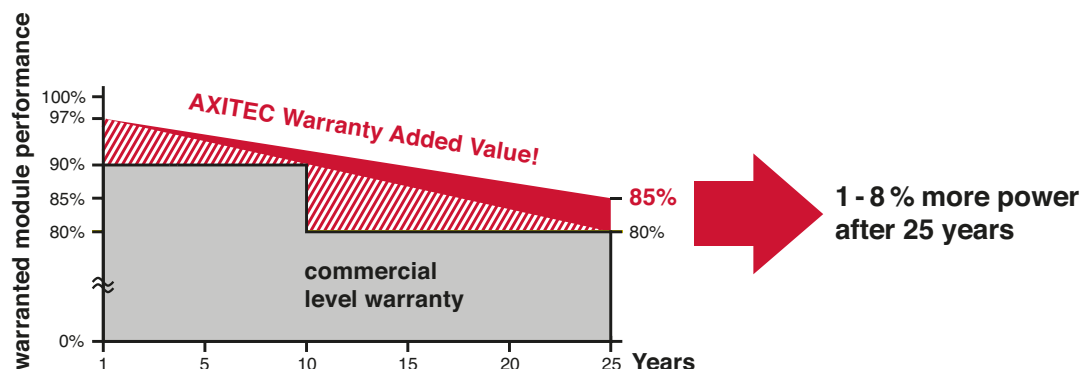


High quality junction box
and connector systems



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 XLM HC 360 - 380 W

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/120VL	360 Wp	34.10 V	10.56 A	11.25 A	40.60 V	19.27 %
AC-365MH/120VL	365 Wp	34.30 V	10.65 A	11.34 A	40.80 V	19.54 %
AC-370MH/120VL	370 Wp	34.50 V	10.73 A	11.42 A	41.00 V	19.80 %
AC-375MH/120VL	375 Wp	34.70 V	10.81 A	11.51 A	41.20 V	20.07 %
AC-380MH/120VL	380 Wp	34.90 V	10.89 A	11.59 A	41.40 V	20.34 %

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	1776 x 1052 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	Plug/socket IP68, Stäubli EVO2 / EVO2 pluggable

Limit values

System voltage	1500 VDC
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

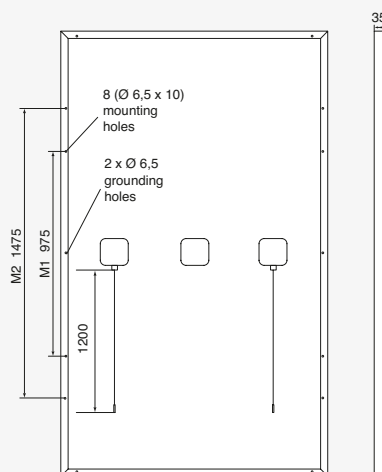
Voltage U _{oc}	-0.28 %/K
Current I _{sc}	0.04 %/K
Output P _{mpp}	-0.36 %/K

Low-light performance (Example for AC-380MH/120VL)

I-U characteristic curve	Current I _{pp}	Voltage U _{pp}
200 W/m ²	2.22 A	33.59 V
400 W/m ²	4.49 A	33.98 V
600 W/m ²	6.71 A	34.24 V
800 W/m ²	8.87 A	34.53 V
1000 W/m ²	10.89 A	34.90 V

Packaging

Module pieces per pallet	30
Module pieces per HC-container	720



All dimensions in mm