

GERMAN BRAND 

15 YEARS PRODUCT WARRANTY

30 YEARS LINEAR POWER WARRANTY

Silver Style SERIES

ASWS-380-MH120-SW

Half-Cell Monocrystalline Silicon PV Modules



120 120 CELLS

M MONOCRYSTALLINE

9 9 BUS BAR

 1755×1038×35mm

 FRAME: SILVER
BACKSHEET: WHITE



HOT-SPOT RESISTANCE

Excellent hot-spot immunity effectively avoids the power loss caused by shadow coverage.



ANTI-PID CHARACTERISTICS

Guarantee: Half-cell monocrystalline PV-modules from large-scale production pass the PID test.



HARSH ENVIRONMENT ADAPTATION

Tested: High salt mist and ammonia resistance.



STRINGENT QUALITY CONTROL

100% in-house EL double inspection goes well beyond certification requirements.

Silver Style SERIES

ASWS-380-MH120-SW

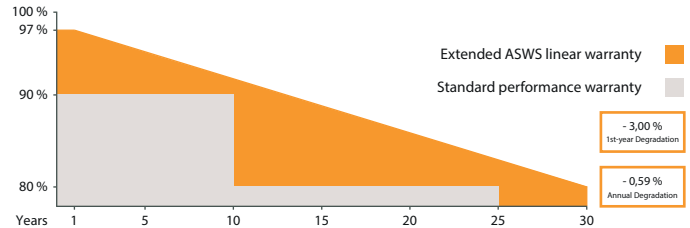
Half-Cell Monocrystalline Silicon PV Modules

Mechanical Data

Cell Type	Monocrystalline PERC Half-Cell / 166x83mm
Cell Orientation	120(6x20)
Module Dimensions	1755x1038x35mm
Weight	19.5kg
Glass	3.2mm highly transparent, reinforced glass
Backsheet	Anti-aging film (white)
Frame Material	Anodized aluminium alloy (silver)
Junction Box	Protection class IP68
Cable	4.0mm ² positive pole: 1100mm negative pole: 1100mm; wire length can be customized
Maximum Test Load Pull / Push	2400Pa / 5400Pa
Connector	MC4 compatible connector

Linear Performance Warranty

15-year product warranty / 30-year linear power warranty

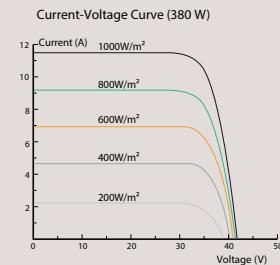


Electrical Data (STC)*

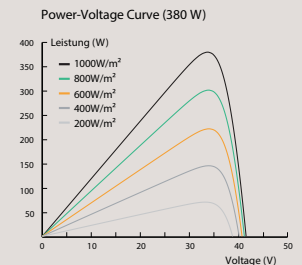
Maximum Power (Pmax/W)	370	375	380
Voltage at Maximum Power (Vmp/V)	33.90	34.00	34.10
Current at Maximum Power (Imp/A)	10.62	10.74	10.85
Open Circuit Voltage (Voc/V)	41.20	41.30	41.40
Short Circuit Current (Isc/A)	11.18	11.30	11.41
Module Efficiency (%)	19.47	19.74	20.00
Power Sorting (W)	0 ~ +5	0 ~ +5	0 ~ +5

* STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

I-V Curves



P-V Curves



Operating Parameters

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
NMOT (Nominal Module Operating Temperature)	45±2°C

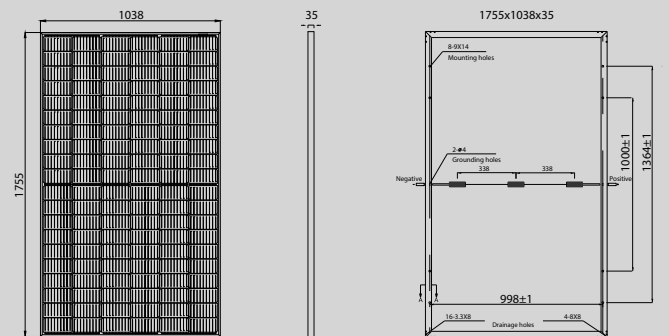
Temperature Coefficients

Temperature Coefficient (Pmax)	-0.340%/°C
Temperature Coefficient (Voc)	-0.260%/°C
Temperature Coefficient (Isc)	0.049%/°C

Packaging

Modules Per Pallet:	30 + 30 + 4pcs
Modules Per 40'HQ Container:	832pcs

Module Dimensions (mm)



LVD
EMC



IEC 61215 / IEC 61730
WEEE-Reg.-Nr. DE 15553592



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