

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

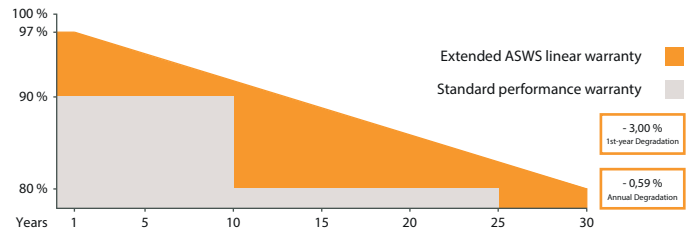
Half-Cell Monocrystalline Silicon PV Modules

### 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 <sup>2</sup> 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

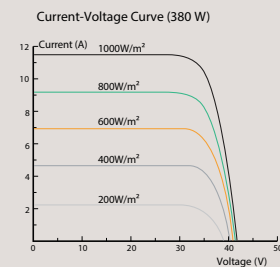


### Electrical Data (STC)\*

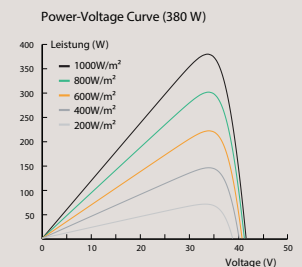
Maximum Power (Pmax/W)	370	375	380
Voltage at Maximum Power (Vmp/V)	34.10	34.20	34.60
Current at Maximum Power (Imp/A)	10.86	10.98	10.99
Open Circuit Voltage (Voc/V)	41.50	41.60	41.70
Short Circuit Current (Isc/A)	11.72	11.85	11.98
Module Efficiency (%)	20.30	20.60	20.90
Power Sorting (W)	0 ~ +5	0 ~ +5	0 ~ +5

\* STC (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, 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

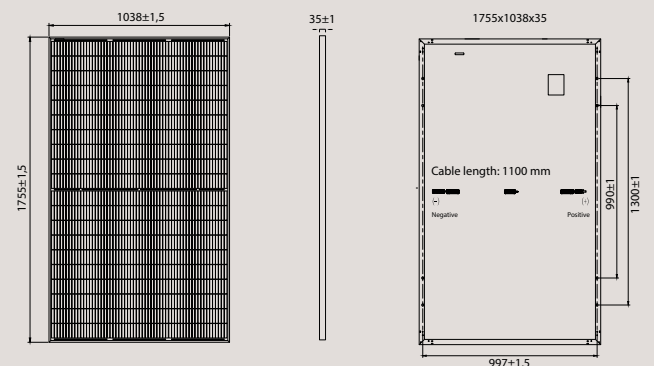
### Temperature Coefficients

Temperature Coefficient (Pmax)	-0.390%/°C
Temperature Coefficient (Voc)	-0.290%/°C
Temperature Coefficient (Isc)	0.049%/°C

### Packaging

Modules Per Pallet:	31 pcs
Modules Per 40'HQ Container:	806 pcs

### Module Dimensions (mm)



LVD  
EMC

CE



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



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