

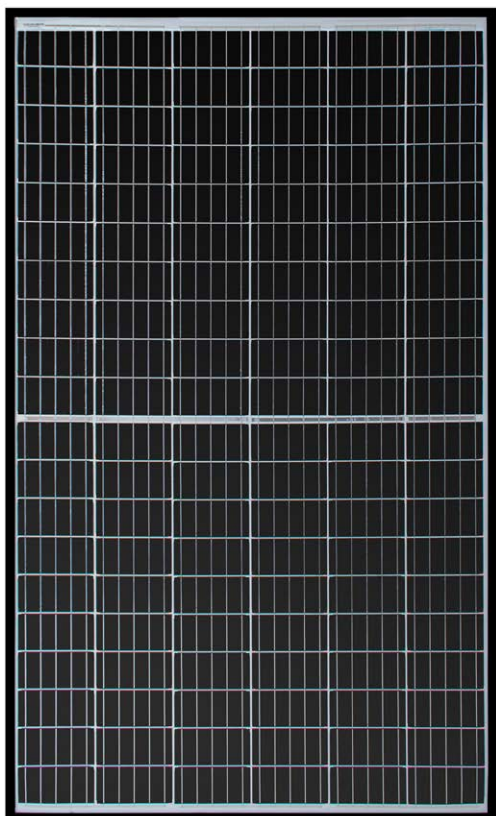
SOLAR·CELL®

APPROVED BY THE DUTCH

340WP HALF CELLS MONO CRYSTALLINE SOLAR MODULE

SCM-340/120HW

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FEATURES



Excellent module efficiency up to **20.5%** by using high efficient Mono crystalline solar 120 half cells



Outstanding performance at low irradiance above **96.3%**



Heavy snow load up to **5400Pa** and wind load up to **3800Pa**



IP68 junction box for long term weather endurance



Tested in manufacture process on Microcracks



Guaranteed positive power tolerance up to **5w**



Selective materials and rigid process effectively control Potential Induced Degradation (PID)



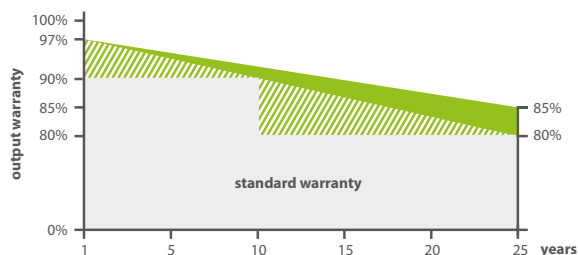
WARRANTY



15 Years product warranty



25 Years minimum **85%** linear power output warranty



partner van stichting
OPEN
e-waste opgelost



The specifications are subject to change without prior notice.

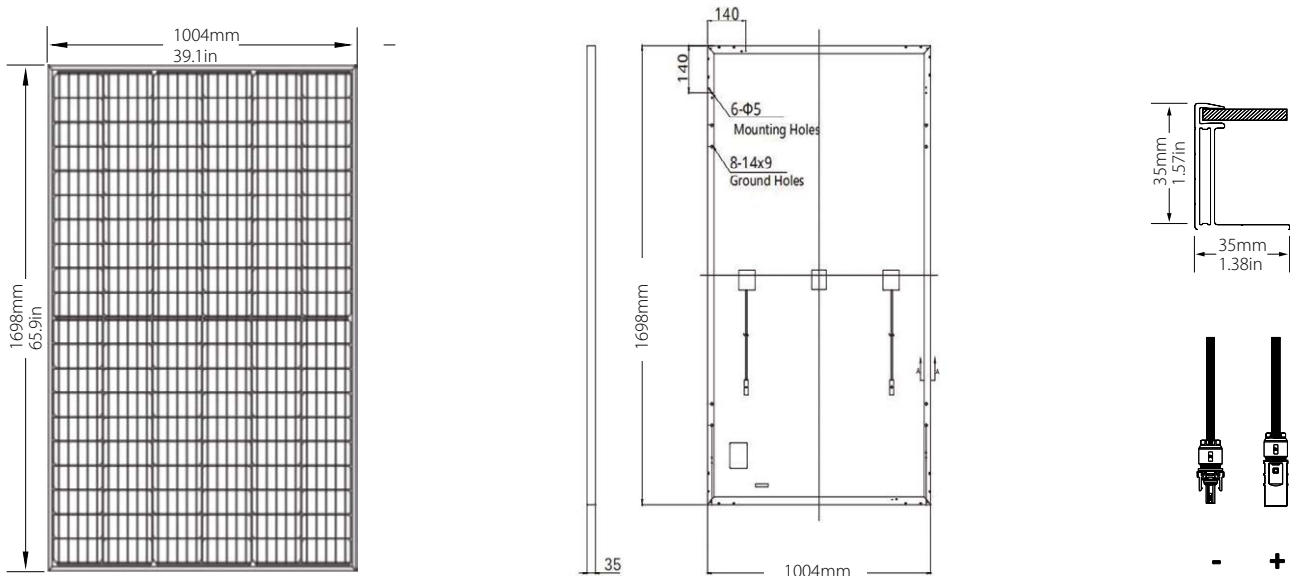
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SCM-340/120HW
HALF CELLS MONO CRYSTALLINE SOLAR MODULE



ELECTRICAL SPECIFICATION

Model Type	Unit	SCM-340/120HW
Maximum Power (Pmax)	W	340
Module Efficiency	%	20.5
Open Circuit Voltage (Voc)	V	40.40
Short Circuit Current (Isc)	A	10.70
Maximum Power Voltage (Vmp)	V	33.59
Maximum Power Current (Imp)	A	10.12
Maximum System Voltage	V	ICE 1000VDC/UL1500(VDC)
Maximum Series Fuse Rating	A	18

Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.
The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, AM 1.5 Spectrum, 1m/s wind speed.

MECHANICAL SPECIFICATION

Module Dimension (mm)	1698 × 1004 × 35
Cell Dimension (mm)	158.75 × 78.375
Number of Cell	120
Weight (kgs)	19kg
Maximum Load (TUV) (Pascal)	5400
Junction Box and Cable connector	IP68 rated; MC4 compatible
Backsheet Color	White
Frame Color	Black

TEMPERATURE SPECIFICATION

Nominal Operating Cell Temperature (NOCT)	45 +/- 2 °C
Temperature Coefficient (Pmax)	-0.367% / °C
Temperature Coefficient (Voc)	-0.320% / °C
Temperature Coefficient (Isc)	0.107% / °C
Operating Temperature	-40~85 °C

POWER CURVES

