

# SOLAR·CELL®

APPROVED BY THE DUTCH

## 350WP HALF CELLS MONO CRYSTALLINE SOLAR MODULE









SCM-350/120HB

EN



### 9 BUSBAR TECHNOLOGY

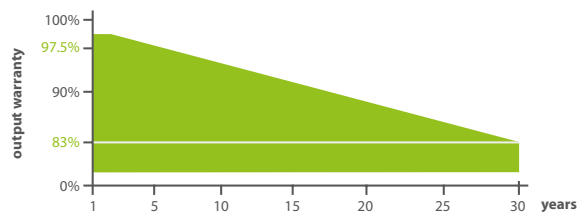


### FEATURES

-  Excellent module efficiency up to **20.74%** 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)
-  STÄUBLI MC4 connectors

### WARRANTY

-  **15 Years** product warranty
-  **30 Years** minimum **83%** linear power output warranty



The specifications are subject to change without prior notice.



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**OPEN**  
e-waste opgelost



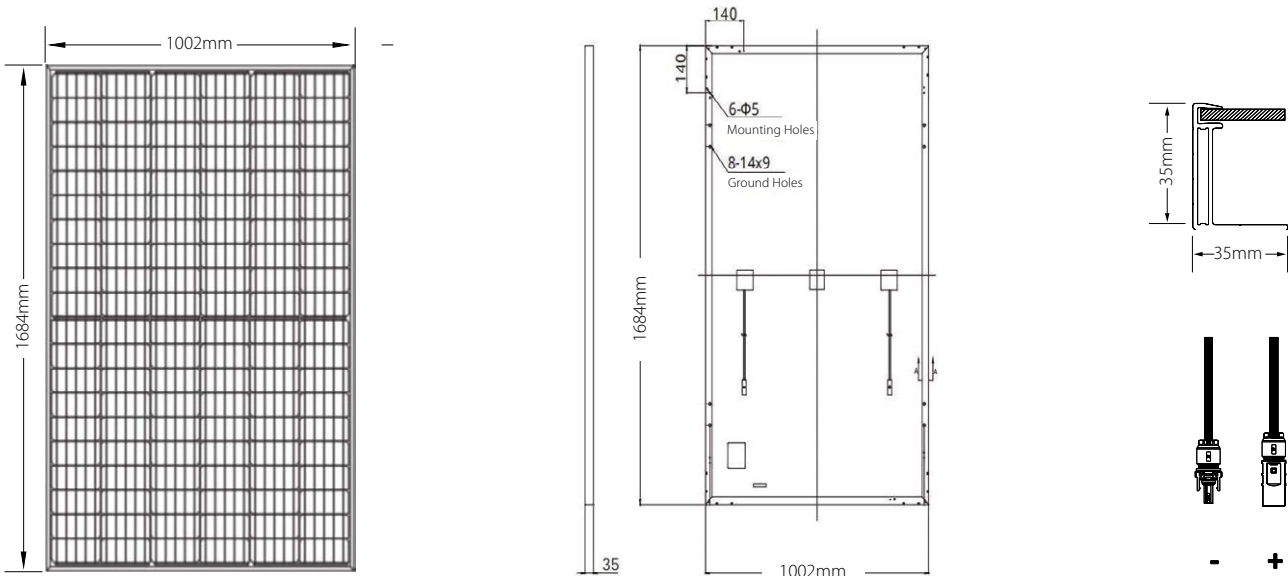
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## SCM-350/120HB HALF CELLS MONO CRYSTALLINE SOLAR MODULE



### ELECTRICAL SPECIFICATION

Model type	Unit	SCM-350/120HB
Maximum power (Pmax)	W	350
Module efficiency	%	20.74
Open circuit voltage (Voc)	V	40.50
Short circuit current (Isc)	A	10.98
Maximum power voltage (Vmp)	V	33.79
Maximum power current (Imp)	A	10.36
Maximum system voltage	V	ICE 1500VDC/UL1500(VDC)
Maximum series fuse rating	A	20

Standard Test Conditions (STC) or irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25 °C.

The NOCT is obtained under the Test Conditions: 800 W/m<sup>2</sup>, 20 °C ambient temperature, AM 1.5 Spectrum, 1m/s wind speed.

### MECHANICAL SPECIFICATION

Cell type	PERC mono crystalline 9BB
Module dimension (mm)	1684 x 1002 x 35
Cell dimension (mm)	158.75 x 78.375
Number of cells	120
Weight (kgs)	20kg
Junction box and cable connector	IP68 rated, MC4 Compatible
Backsheet color / Frame color	Black / Black
Connectors	Stäubli MC4

### TEMPERATURE SPECIFICATION

Nominal operating cell temperature (NOCT)	45 +/- 2 °C
Temperature coefficient (Pmax)	-0.41% / °C
Temperature coefficient (Voc)	-0.32% / °C
Temperature coefficient (Isc)	0.05% / °C
Operating temperature	-40 ~ 85 °C

### POWERCURVES

