

# SOLAR·CELL<sup>®</sup>

APPROVED BY THE DUTCH

# 385WP HALF CELLS MONO CRYSTALLINE SOLAR MODULE









SCM-385/120HLB

EN



## 9 BUSBAR TECHNOLOGY

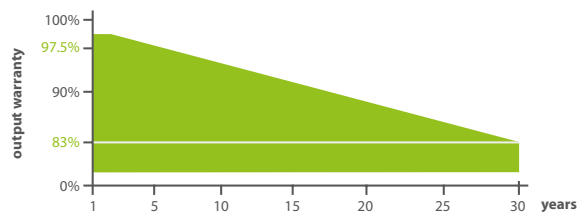


## FEATURES

-  Excellent module efficiency up to **21.2%** 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 **3600Pa**
-  **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



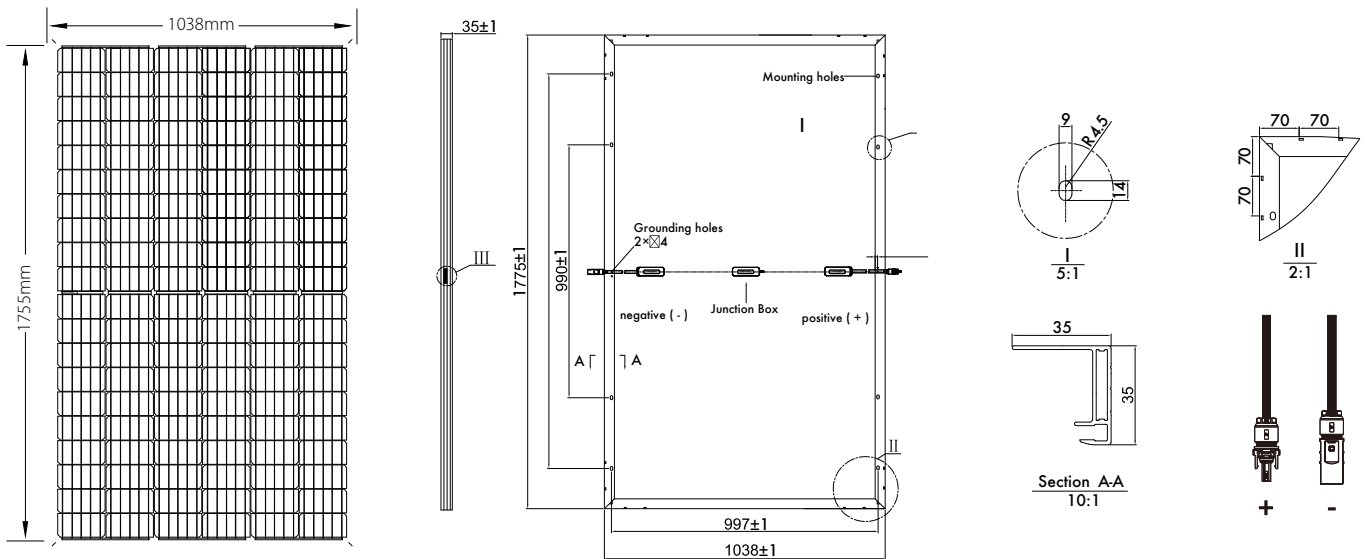
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**SCM-385/120HLB**  
HALF CELLS MONO CRYSTALLINE SOLAR MODULE



**ELECTRICAL SPECIFICATION**

Model type	Unit	SCM-385/120HLB
Maximum power (Pmax)	W	385
Module efficiency	%	21.20
Open circuit voltage (Voc)	V	41.40
Short circuit current (Isc)	A	11.77
Maximum power voltage (Vmp)	V	35.00
Maximum power current (Imp)	A	11.00
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.

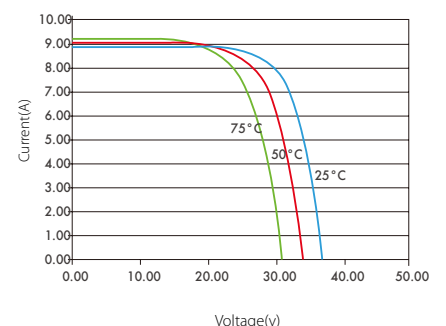
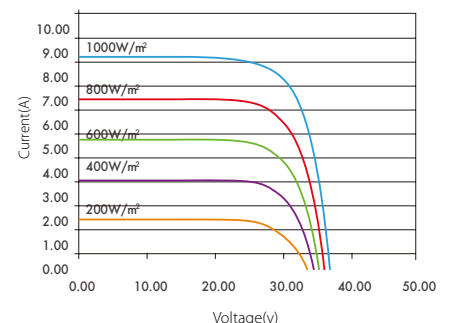
**MECHANICAL SPECIFICATION**

Cell type	PERC mono crystalline 9BB
Module dimension (mm)	1755 x 1038 x 35
Cell dimension (mm)	166 x 166
Number of cells	120
Weight (kgs)	20,5kg
Junction box and cable connector	IP68, three diodes
Backsheet color / Frame color	Black / Black
Connectors	Stäubli MC4

**TEMPERATURE SPECIFICATION**

Nominal operating cell temperature (NOCT)	41 °C +/- 3 °C
Temperature coefficient (Pmax)	-0.36% / °C
Temperature coefficient (Voc)	-0.26% / °C
Temperature coefficient (Isc)	0.04% / °C
Operating temperature	-40 ~ 85 °C

**POWERCURVES**



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