

# Stalker 360-380Wp DESIGNED IN ITALY

High performance solar module  
120 halfcell, monocrystalline

**The advantages:**

- 25**  
Years

25 years manufacturer's warranty



Highest module performance through Half-Cut-technology and tested materials



Guaranteed positive power tolerance from 0-5 Wp by individual measurement



Maximum 2400 Pa snow load



100% electroluminescence inspection



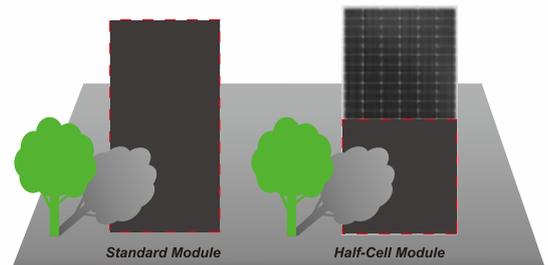
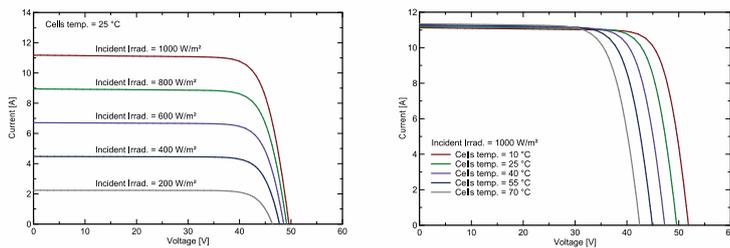
High quality junction box and connector systems



**Electrical data** (at standard conditions (STC) irradiance 1000 watt/m<sup>2</sup>, spectrum AM 1,5 at a cell temperature of 25°C)

Type	Nominal output P <sub>mpp</sub>	Nominal voltage U <sub>mpp</sub>	Nominal current I <sub>mpp</sub>	Short circuit current I <sub>sc</sub>	Open circuit voltage U <sub>oc</sub>	Module conversion efficiency
NB-360-60M	360 Wp	33,6V	10,70A	11,24A	40,70V	19,76%
NB-365-60M	365 Wp	33,9V	10,76A	11,30A	41,00V	20,04%
NB-370-60M	370 Wp	34,2V	10,82A	11,37A	41,30V	20,31%
NB-375-60M	375 Wp	34,4V	10,89A	11,45A	41,60V	21,59%
NB-380-60M	380 Wp	34,7V	10,96A	11,52A	41,90V	21,86%

**I-V Curve**



**Design**

Frontside	3,2 mm hardened, low-reflection white glass
Cells	120 monocrystalline high efficiency cells
Backside	Composite film
Frame	35 mm silver aluminium frame

**Mechanical data**

L x W x H	1755 x 1038 x 35mm
Weight	20,0kg with frame

**Power connection**

Socket	Protection Class IP68
Wire	approx. 1,2 m, 4 mm <sup>2</sup>
Plug-in system	Plug/socket IP68, Stäubli EVO2 / EVO2 pluggable

**Limit values**

System voltage	1500V~2000V DC
NOCT (nominal operating cell temperature)*	45°C +/-2K
Max. load-carrying capacity	2400 N/m <sup>2</sup>
Reverse current feed IR	20,0 A
Permissible operating temperature	-40°C to 85°C / -40F to 185F

(No external voltages greater than U<sub>oc</sub> may be applied to the module)

\* NOCT, irradiance 800 W/m<sup>2</sup>; AM 1,5; wind speed 1 m/s; Temperature 20°C

**Temperature coefficients**

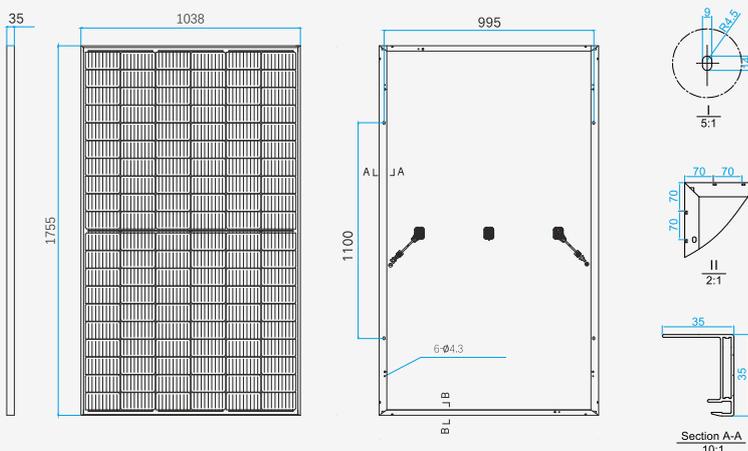
Voltage U <sub>oc</sub>	-0,27 %/K
Current I <sub>sc</sub>	0,048 %/K
Output P <sub>mpp</sub>	-0,35 %/K

**Low-light performance**

I-U characteristic curve	Current I <sub>pp</sub>	Voltage U <sub>pp</sub>
200 W/m <sup>2</sup>	2,24 A	40,05 V
400 W/m <sup>2</sup>	4,51 A	40,51 V
600 W/m <sup>2</sup>	6,74 A	40,82 V
800 W/m <sup>2</sup>	8,91 A	41,17 V
1000 W/m <sup>2</sup>	10,94 A	41,61 V

**Packaging**

Module pieces per pallet	31
Module pieces per HC-container	806



All dimensions in mm