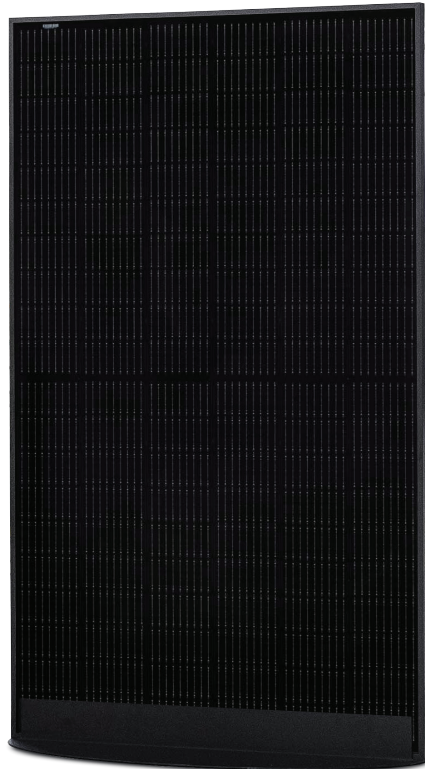


SoliTek is a European manufacturer of top quality PV cells and modules with headquarters and production plant in Vilnius, Lithuania.

The company combines the most sophisticated technologies and 20 years of experience.



## 20

years product guarantee

## 25

84,8% max output guarantee

# SoliTek Standard HC.120-B-360

## Standard 120 half-cut cell module with black backsheet

Working conditions	
Maximum system voltage	DC 1500 V (TUV)
Operating temperature	-40°C / +85°C
Maximum reverse current	20 A
Maximum wind /snow load	2530/3600Pa**
IP protection level	68
Safety class	II

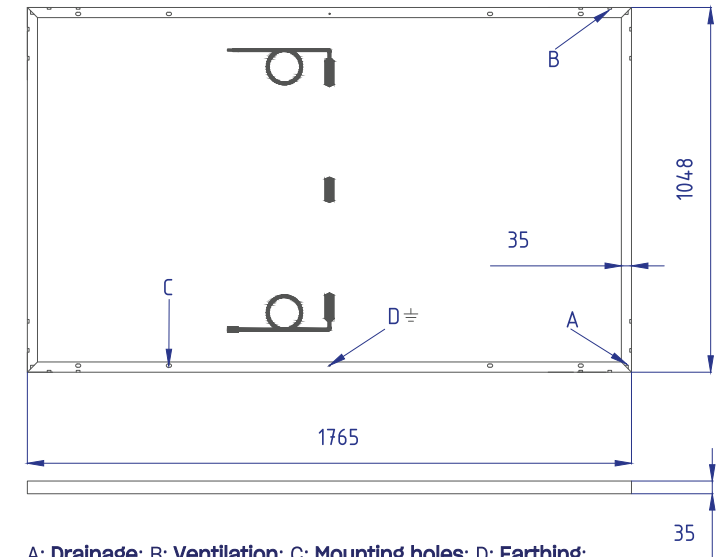
\*\*Safety factor 1,5

Temperature coefficients	
Current temperature coefficient ( $\alpha$ )	+0,049% /°C
Voltage temperature coefficient ( $\beta$ )	-0,33% /°C
Power temperature coefficient ( $\delta$ )	-0,36% /°C
Nominal Operating Module Temperature	43±2°C

Electrical parameters			
Parameter		Unit	Value
Maximum power*	P <sub>max</sub>	W	360
Maximum power point voltage	V <sub>mpp</sub>	V	33,9
Maximum power current	I <sub>mpp</sub>	A	10,62
Open circuit voltage	V <sub>oc</sub>	V	41,2
Short circuit current	I <sub>sc</sub>	A	11,18
Efficiency	$\eta$	%	19,46

\*Under Standart Test Conditions (STC) of irradiance of 1000W/sq. m., spectrum AM 1.5 and cell temperature of 25°C

Mechanical data	
Cell size (mm)	166x83
Number of cells	120 (6x20)
Front side glass	3,2 mm
Weight	20 kg
Dimensions (L x W x H)	1765x1048x35
J-box	IP68
Cable length	1,1 m
Cable cross section size	4 mm <sup>2</sup>
Number of diodes	3
Plug-in connection	MC4 compatible
Frame	Black anodized aluminium frame



A: Drainage; B: Ventilation; C: Mounting holes; D: Earthing;



PID free



PRODUCED USING 100% RENEWABLE ENERGY



Certificates and memberships



Mokslininku str. 6A,  
Vilnius 08412, Lithuania  
Tel. +370 5 263 8774  
info@solitek.eu  
www.solitek.eu