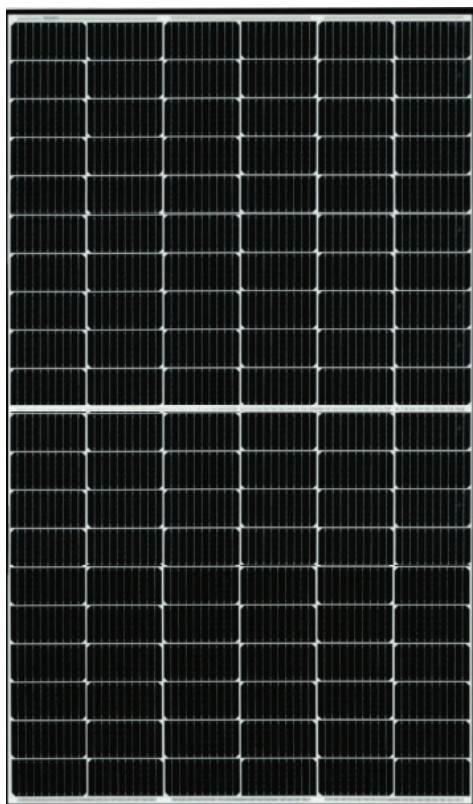


SoliTek is a European manufacturer of top quality PV cells and modules with headquarters and production plant in Vilnius, Lithuania.

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-W-370

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

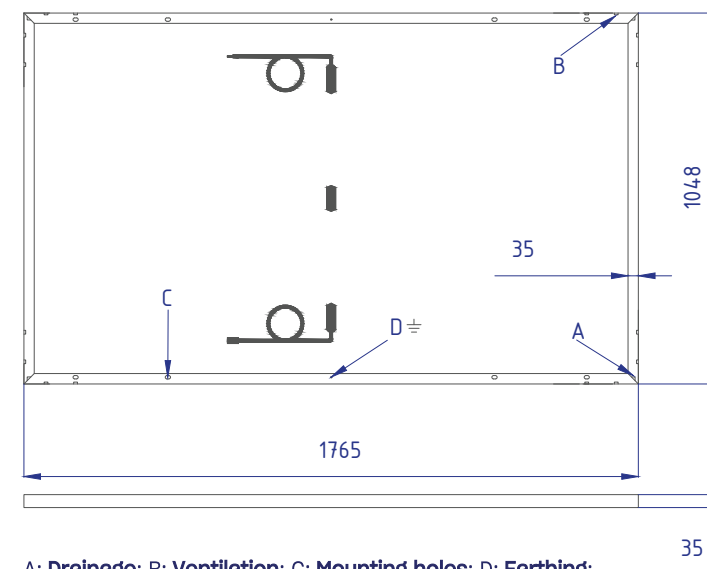
Working conditions	1500
Maximum system voltage	<b>DC 1500 V (TUV)</b>
Operating temperature	-40°C / +85°C
Maximum reverse current	20 A
Maximum wind /snow load	3800/5400Pa
IP protection level	68
Safety class	II

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 parametres				
Parameter		Unit	Value	
Maximum power*	Pmax	W	<b>370</b>	
Maximum power point voltage	Vmpp	V	34,1	
Maximum power current	Impp	A	10,85	
Open circuit voltage	Voc	V	41,4	
Short circuit current	Isc	A	11,41	
Efficiency	$\eta$	%	20,00	

\*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	400mm (or customized length)
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;

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