

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

80% max output guarantee

# SoliTek Standard P.60-S-285

## Standard polycrystalline 60 cell module

Working conditions	
Maximum system voltage	DC 1000 V (TUV)
Operating temperature	-40°C / +85°C
Maximum reverse current	15 A
Maximum wind /snow load	1600/3600Pa**
IP protection level	67
Safety class	II

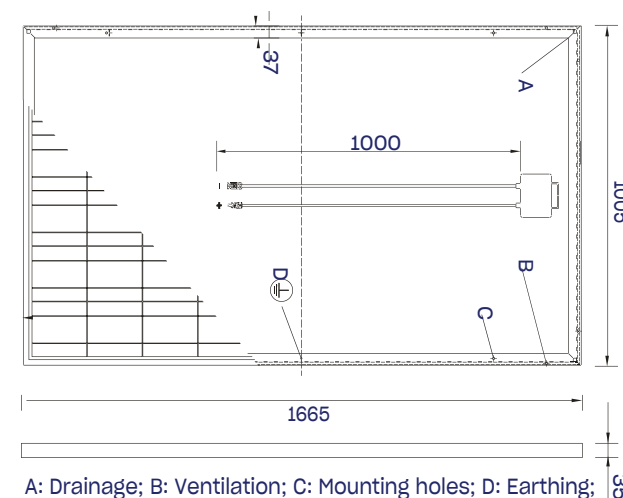
\*\*Safety factor 1,5

Temperature coefficients	
Current temperature coefficient ( $\alpha$ )	+0,067% /° C
Voltage temperature coefficient ( $\beta$ )	-0,33% /° C
Power temperature coefficient ( $\delta$ )	-0,41% /° C
Nominal Operating Module Temperature	45±2°C

Electrical parameters			
Parameter		Unit	Value
Maximum power*	Pmax	W	<b>285</b>
Maximum power point voltage	Vmpp	V	31,36
Maximum power current	Imp	A	9,03
Open circuit voltage	Voc	V	38,64
Short circuit current	Isc	A	9,48
Efficiency	$\eta$	%	17,03

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

Mechanical data	
Cell size	158,75x158,75
Number of cells	60 (6x10)
Front side glass	3,15
Weight	20 kg
Dimensions (L x W x H)	1665x1005x35
J-box	IP67, ventilated
Cable length	1 m
Cable cross section size	4 mm <sup>2</sup>
Number of diodes	3
Plug-in connection	MC4
Frame	Anodised Aluminium frame
Packing configuration	30 pallets(dimensions 171x105x126 cm)



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

The module is manufactured by SoliTek cells, UAB.

### Certificates and memberships



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