

## SoliTek Standard M.60-B-325

### Standard monocrystalline 60 cell module

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.



#### 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

Voltage temperature coefficient (β)	-0,34 %/°C
Current temperature coefficient (α)	+0,060 %/°C
Power temperature coefficient (δ)	-0,40 %/°C
Nominal operating module temperature (NOMT)	45±2°C

#### ELECTRICAL PARAMETERS

Parameter		Unit	Value
Maximum power*	P <sub>max</sub>	W	325
Maximum power point voltage	V <sub>mpp</sub>	V	33,29
Maximum power current	I <sub>mp</sub>	A	9,78
Open circuit voltage	V <sub>oc</sub>	V	41,11
Short circuit current	I <sub>sc</sub>	A	10,05
Efficiency	η	%	19,42

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

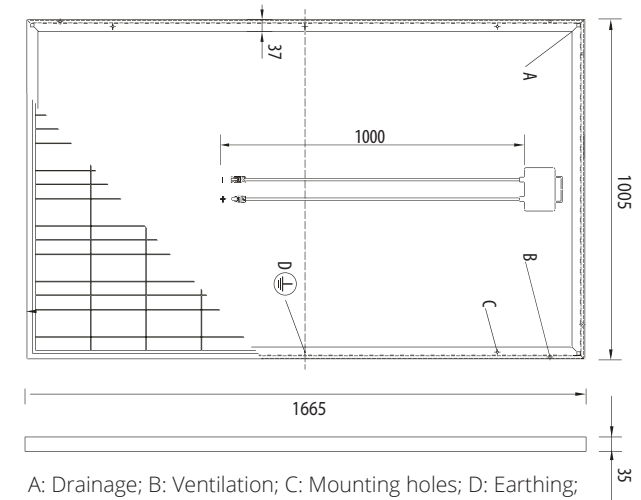
#### MECHANICAL PARAMETERS

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	Black anodised Aluminium frame
Packing configuration	30 pcs./pallet

20 years



80% max output



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

The module is manufactured by SoliTek cells, UAB.



Certificates and memberships

