

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 _{max}	W	325
Maximum power point voltage	V _{mpp}	V	33,29
Maximum power current	I _{mp}	A	9,78
Open circuit voltage	V _{oc}	V	41,11
Short circuit current	I _{sc}	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

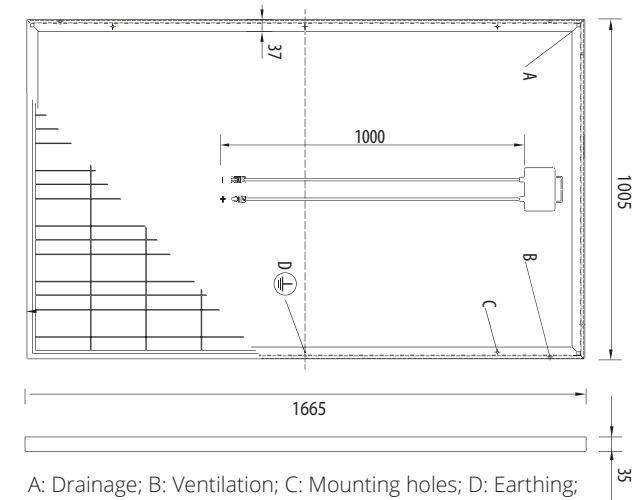
MECHANICAL PARAMETERS

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 ²
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

