

### 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.

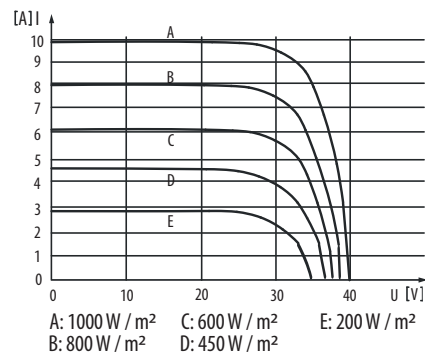
#### WORKING CONDITIONS

Maximum system voltage	DC 1000 V (TUV)
Operating temperature	-40°C / +85°C
Maximum reverse current	15 A
Maximum wind /snow load	2400/5400 Pa
IP protection level	67
Safety class	II

#### 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

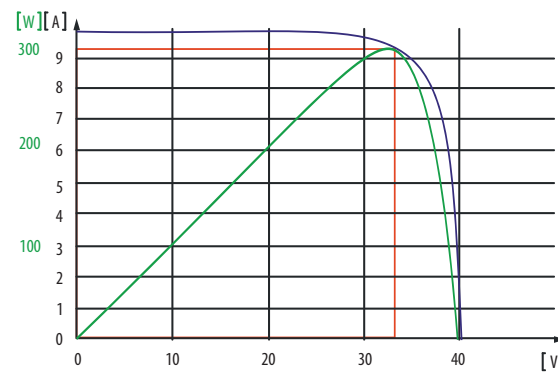
#### I-V CURVE



#### ELECTRICAL PARAMETERS

Parameter	Unit	Value		
Maximum power*	P <sub>max</sub> W	310	305	300
Maximum power point voltage	V <sub>mpp</sub> V	33,43	33,03	32,63
Maximum power current	I <sub>mpp</sub> A	9,28	9,24	9,2
Open circuit voltage	V <sub>oc</sub> V	40,24	40,14	39,93
Short circuit current	I <sub>sc</sub> A	9,76	9,7	9,64
Efficiency	η %	18,9	18,6	18,3

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



20 years



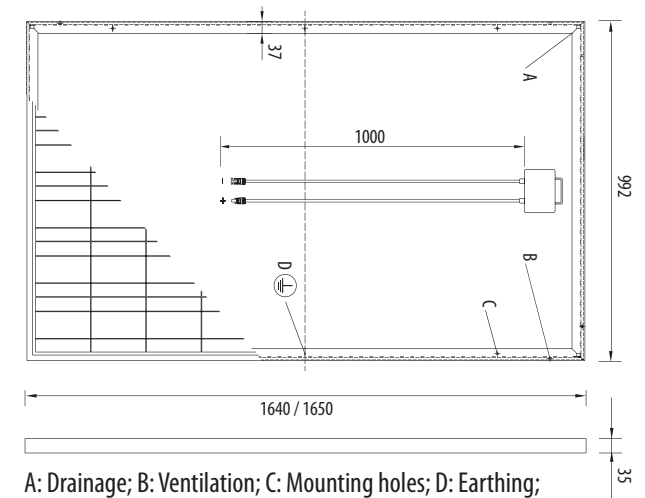
80% max output



#### MECHANICAL PARAMETERS

Cell size	156x156 mm
Number of cells	60 (6x10)
Front side glass	3,2 mm hardened solar glass
Weight	19 kg
Dimensions (L x W x H)	1640/1650 x 992 x 35 mm**
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 Al frame
Packing configuration	30 pcs./pallet

\*\*Please double check with sales managers which size is delivered to You;



The module is manufactured by Soli Tek cells, UAB.



Certificates and memberships

