



Specifications

Type	Amorphous silicon
Technology	Dual junction with laser edge isolation
Lamination	Double glass with EVA
Frame	Anodize alluminum alloy
Cell pseude-square	16X1245mm
Dimension	643X1253X37mm
Weight	14.7kg

Output

Junctionbox	TÜV Certified&IP65
Cable	4.0mm ² 1 meter (Length)
Connection	MC4 connector

Limits

Operation temperature	-40 to +85°C
Maximum system voltage	600V DC

Characteristics

Model	PV-A-40W
Open circuit viltage(Voc)	61V
Optimum operation voltage(Vmp)	46V
Short circuit current(Isc)	1.0A
Optimum operation current(Imp)	0.87A
Maximum power at STC(Pm)	40W

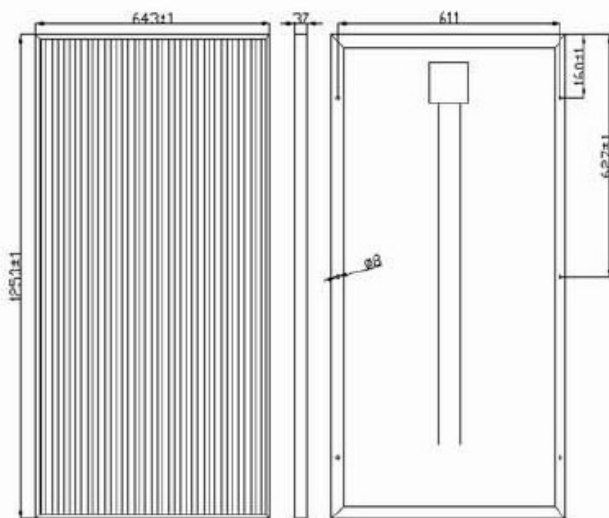
STC: Irrandiance 1000W/m², Module temperature 25°C, AM=1.5

Temperature Coefficients

Current temperature coefficient	$\alpha(I_{sc}) +0.09\%/^{\circ}C$
Voltage temerature coefficient	$\beta(V_{oc}) -0.28\%/^{\circ}C$
Power temperature coefficient	$\gamma(W_p) -0.19\%/^{\circ}C$

Reliability performance

Hail diameter @ 80Km/h	Up to 25 mm
Continues wind pressure	Up to 130Km/h



40W MODULE IV GRAPH

