

Specifications

Type	Amorphous silicon
Technology	Dual junction with laser edge isolation
Lamination	Double glass with EVA
Frame	Anodize aluminum alloy
Cell pseude-suqare	36X1245mm
Dimension	643X1253X37mm
Weight	14.7kg

Chariacteristics

Model	TPS113-40W
Open circuit voltage(Voc)	29V
Optimum operation voltage(Vmp)	18V
Short circuit current(Isc)	2.3A
Optimum operation current(Imp)	2.0A
Maximum power at STC(Pm)	40W

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

Output

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

Limits

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

Temperature Coefficients

Current temperature coefficient	$\alpha(Isc) +0.09\%/^{\circ}C$
Voltage temperature coefficient	$\beta(Voc) -0.28\%/^{\circ}C$
Power temperature coefficient	$\gamma(Wp) -0.19\%/^{\circ}C$

Reliability performance

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

