

## CSSS Series Standard Module Product Technical Specifications

### Product features

- Excellent performance under high temperature.
- Higher power generation per year compared with crystalline silicon PV modules.
- Shorter Energy pay-back time.
- Environmental friendly products.

### Electrical characteristics

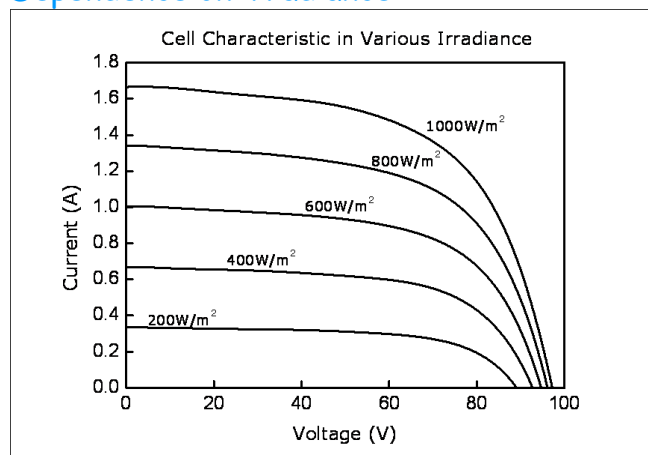
Type		CSSS-100	CSSS-090
Maximum Power (Pmax)	[W]	100±5	90±5
Voltage at Maximum Power (Vmp)	[V]	76.0	71.4
Current at Maximum Power (Imp)	[A]	1.32	1.26
Open Circuit Voltage (Voc)	[V]	100	99
Short Circuit Current (Isc)	[A]	1.65	1.6
Temperature coefficient of Voc	[%/ °C]	-0.32	-0.32
Temperature coefficient of Isc	[%/ °C]	0.08	0.08
Temperature coefficient of Pmax	[%/ °C]	-0.2	-0.2
Temperature coefficient of Vmp	[%/ °C]	-0.30	-0.30
Temperature coefficient of Imp	[%/ °C]	0.10	0.10
Maximum Series Fuse Rating	[A]	3	3
Maximum system voltage (Vdc)	[V]	600	600



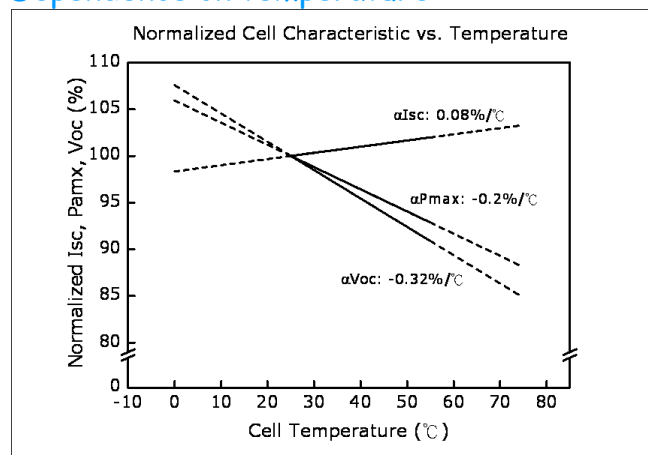
### Mechanical characteristics

Active Material of Cell	Amorphous Silicon
Junction Type of Cell	Single Junction
Frame Type	Aluminum frame
Composition	Glass-EVA-Back Sheet
Dimensions (LxWxT)	1414 mm x 1114 mm x 35 mm
Connection	MC3(or compatible), MC4
Number of Bypass Diode	1
Weight	20 Kg

### Dependence on irradiance



### Dependence on temperature



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### Certificates

- IEC61646 ed.2/EN61730
- RoHS/REACH compliance

### Warranty

- 2 year limited product warranty.
  - 10-year-90% of the minimal rated power output.
  - 20-year-80% of the minimal rated power output.
- \* Electrical data represented above refer to Standard Test Condition @ temperature 25°C, irradiance 1000 W/m<sup>2</sup>, AM1.5.
- \* Specifications are subject to be revised without prior notice.

### Construction Drawing

