

## CEEG Module SST 190-72M

<b>Dimensions:</b>	1580 X 808 X 35 mm
<b>Power Output:</b>	190W
<b>Type of Cell:</b>	Mono-crystalline
<b>Manufacturer:</b>	CEEG
<b>Performance Warranty:</b>	25 years

The SST 190-72M is designed and built to deliver the highest efficiency and reliable power for on-grid residential and commercial systems world wide.

The SST 190-72M features superior power conversion efficiency of up to 14.5% and exceptional low light performance and uniform appearance.

### Features

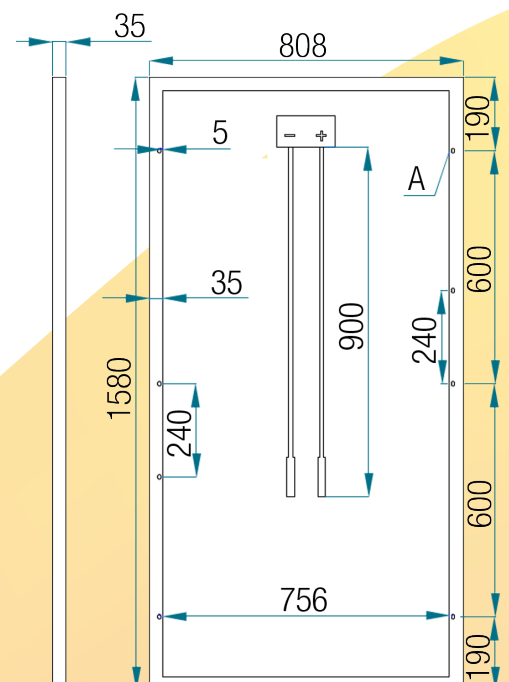
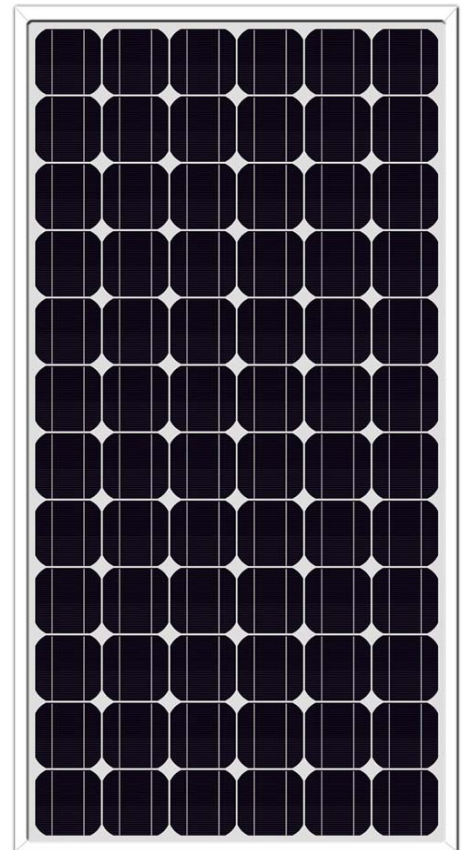
- ☀ 72 x 125mm square, mono-crystalline high efficiency silicon cells
- ☀ Robust anodized aluminium frame
- ☀ Advanced EVA film encapsulation
- ☀ High transmittance and impact resistant tempered solar grade glass
- ☀ 25 year power output and 5 year product defects warranty
- ☀ Design comply to international standards

### Application

- ☀ On / off grid power stations
- ☀ Telecommunications
- ☀ Stand alone or grid-connected applications

### Sunterra Advantages

- ☀ Affordable pricing
- ☀ Free quotes and call outs
- ☀ High quality CEC approved products
- ☀ 30 years combined industry experience with over 1500 systems installed
- ☀ 2 year installation warranty
- ☀ Exclusive solar match system matches your system to you
- ☀ Helpful and friendly staff
- ☀ Exclusive competitions and referral bonuses



# Specifications

## Typical Electric Parameters

Max. Power (Pm)	190W
Tolerance	± 3%
Open circuit voltage (Voc)	45.0V
Short circuit current (Isc)	5.50A
Max. power voltage (Vm)	36.2V
Max. power current (Im)	5.25A
Temperature Coefficient of Isc	0.039% / °C
Temperature Coefficient of Voc	-0.307% / °C
Temperature Coefficient of Pm	-0.423% / °C
Normal Operating Cell Temp.	45 °C ± 2 °C
Max. Voltage	1000V

## Materials

Cell Type	125 mm mono-silicon
Cell Size	125 x 125 mm
Cell Array	6 x 12
Front Glass	3.2 mm solar glass
Encapsulation	EVA film
Junction Box	with 3 bypass diodes
Cable	900 mm
Measurement	1580 x 808 x 35 mm
Net Weight	15 kg

## Working Environment

Temperature	-40°C to + 85°C
Snow Pressure	< 2000 Pa
Wind Pressure	< 3000 Pa

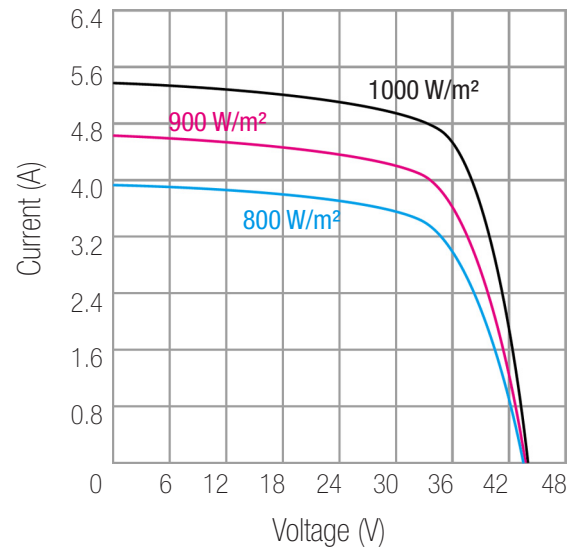
## Warranty

10 years warranty of output power (-10%)
25 years performance warranty (-20%)
5 years warranty of material and workmanship

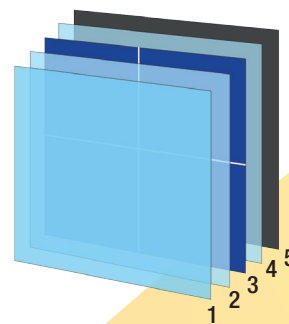
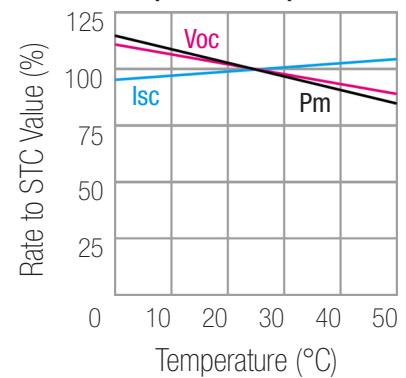
## Certifications

IEC 61730-1 Ed. & -2 Ed.
IEC 61215: 2005
EN61730-1 & -2: 2007
UL 1703-3rd Ed.
EN61000-6-1 & -3: 2001
ISO14001 :2004
ISO9001 :2000

Electrical Performance at 25°C, 1.5 ATM



Temperature Dependence



1. Solar glass
2. EVA film
3. PV cell
4. EVA film
5. Multi-layer film

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**Sunterra**

Power that doesn't cost the earth.