



SOVA POWER LIMITED

www.sovasolar.com

SS260P Series 72 cells/ 250Wp-300WP

- **Excellent Power Output (+3/-0%)**
- **10 Year Limited Product Warranty**
- **25 Year Linear Power Guarantee**
- **High Low-Light Performance**
- **High Performance Modules with efficiency up to 15.0%**

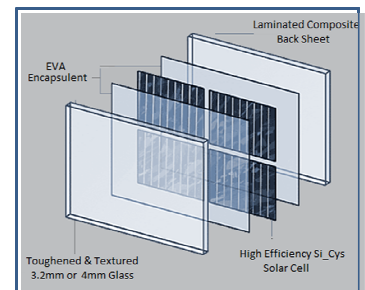


Features

- Ultra-clear 4 mm toughened and textured glass
- Multi layer tedlar® and Fast Cure EVA
- Reinforced anodized aluminium frame
- Pre-drilled frame for easy mounting
- IP-65 rated Junction Box
- Solar MC4 compatible connector

Construction Characteristics

- Frame
- Glass
- EVA
- Cells
- Back sheet



Application

- On-grid systems
- BIPV
- Solar farms
- Standalone (off-grid) systems

Certifications

- TUV Certified: IEC 61625 & IEC 61730
- UL Listed: UL 1703
- CEC Registered
- MNRE (India) Certified
- ISO 9001 – 2008; ISO 14001 - 2004

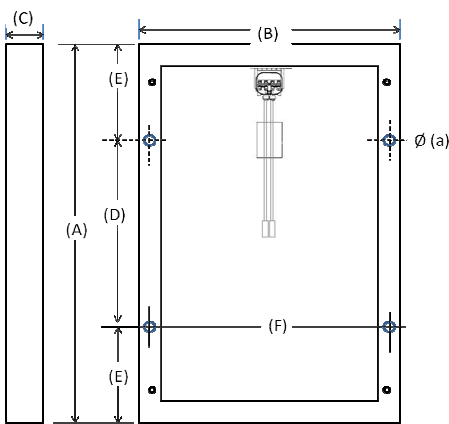


Specifications	SS250P	SS260P	SS270P	SS280P	SS290P	SS300P
Cell	Multicrystalline Solar Cell 156 x 156 mm					
Characteristics						
Open circuit voltage (VOC)	42.91V	43.49V	43.92V	44.35V	44.78V	45.22V
Optimum operating voltage (Vmp)	34.85V	35.42V	35.86V	36.29V	36.72V	37.15V
Short circuit current	7.85A	7.97A	8.06A	8.15A	8.24A	8.33A
Optimum operating current (Imp)	7.19A	7.36A	7.55A	7.74A	7.90A	8.1A
Power at STC (Pmax)	250W	260W	270W	280W	290W	300W
Temperature coefficient for Voc/°C	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%
Temperature coefficient for power/°C	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%	-0.43%
NOCT	47°C	47°C	47°C	47°C	47°C	47°C

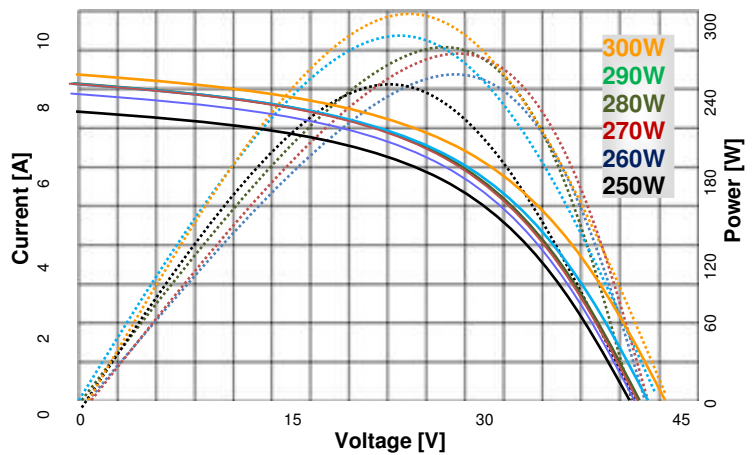
NOCT = Irradiance level 800 W/m², spectrum AM 1.5, wind velocity 1 m/s, Tamb 20°C

Module Dimension	
Weight	27.5kg
Dimension of module (A) x (B) x (C)	1955 X 982 x 35 mm or 42 mm
Mounting hole dia ϕ a	7mm
Mounting hole CTC distance - vertical (D)	978 mm
Mounting hole distance from corner (E)	488.5 mm
Mounting hole CTC distance - horizontal (F)	946 mm

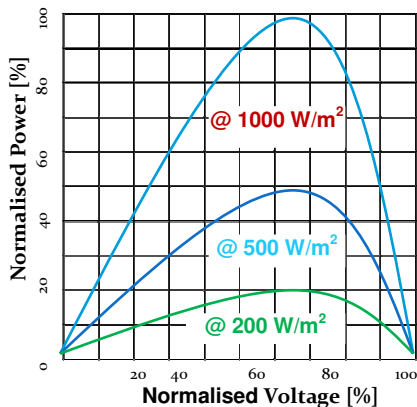
Frame Design



Power-Voltage & Current-Voltage Curves



Normalised Light-Level Performance



Test Operating Conditions

- ❖ Temperature: -40 to +85 degree C
- ❖ Static Load : 50 psf (2400 Pa)
- ❖ Humidity : 85% RH
- ❖ Impact Resistance:

Product Warranty & Power Guarantee

Warranty: 10 year against manufacturing defects

Power Guarantee: 90% of rated power for first 10 years & 80% of rated power for 25 years.