



SOVA POWER LIMITED

SS 60 Cells Series

www.sovasolar.com

SS250P: 245Wp – 255Wp

Features

- 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 15.6%

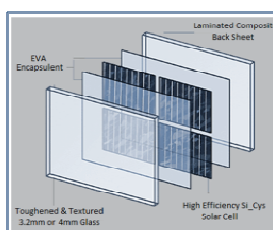
- Ultra-clear toughened and textured glass
- Multi layer tedlar® and Fast Cure EVA
- Reinforced anodized aluminium frame
- Pre-drilled frame for easy mounting
- IP-65 & IP-67 rated Junction Box
- Solar MC4 compatible connector

Application

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

Constructional Characteristics

- Frame
- Glass
- EVA
- Cells
- Back sheet

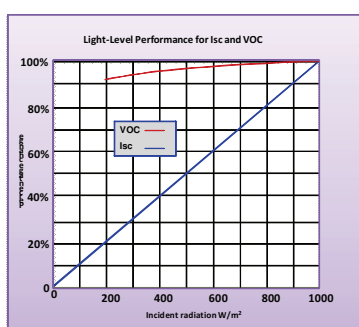
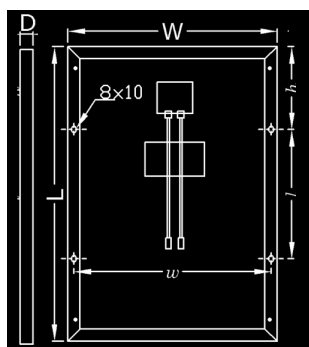


Certification

- IEC61215 & 61730
- IEC 61701 (Salt Mist Test)
- UL Listed: UL 1703
- CEC Registered
- MNRE (India) Certified
- ISO 9001–2008; ISO 14001–2004

Specifications	SS245P	SS250P	SS255P
Cell	Multicrystline Solar Cell		
Electrical Characteristics			
Open Circuit Voltage (Voc)	36.88 V	37.05 V	37.18 V
Optimum Operating Voltage (Vmp)	30.06 V	30.18 V	30.27 V
Short Circuit Current (Isc)	8.61 A	8.74 A	8.84 A
Optimum operating Current (Imp)	8.15 A	8.31 A	8.43 A
Power at STC (Pmax)	245 W	250 W	255 W
Module Efficiency (η)%	15.22%	15.53%	15.84%
Operating Conditions	- 40°C to + 85°C at 85% RH		
Temperature Co-efficient for Voc/°C (β)	-0.34%		
Temperature Co-efficient for Isc/°C (α)	0.05%		
Temperature Co-efficient for power/°C (γ)	-0.43%		
NOCT	45°C ± 2°C		
Mechanical Characteristics			
Weight	18.5 Kg		
Module Dimension (L) x (W) x (D)	1639 x 982 x 42 mm		
Mounting Hole (Oblong) (Ø)	8 x 10 mm		
Mounting Hole CTC distance - vertical (l)	820 mm		
Mounting Hole distance from corner (h)	409.5 mm		
Mounting Hole CTC distance - horizontal (w)	944 mm		

Frame Design



Linear Power Guarantee on Sovasolar PV modules

97% upto 1 year then @ 0.70% / year

