



Energising the future...

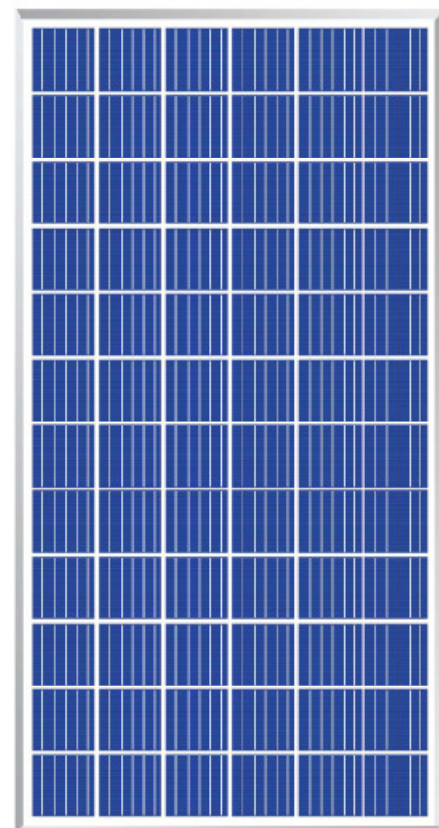
SS345P

320Wp-345Wp

72
Cells
SERIES

- Excellent Power Output with +ve Tolerance upto **4.99Wp**
- 12 Years** Limited Product Warranty
- 25 Years** of Linear Power Guarantee
- High Performance Modules with efficiency up to **17.75%**
- All the modules are **PID** resistant.
- F.S.I** (Flame Spread Index) tested modules first in India
- 100%** EL Tested

- The panels are constructed with Anti Reflective Coating (ARC) toughened low iron, textured high light transmission glass
- Multi layer back sheet and Fast Cure EVA
- Reinforced anodized Aluminium Frame
- Pre-drilled frame for easy mounting
- IP67 & IP68 rated Junction connector
- Solar MC4 compatible connector



APPLICATION



- On-grid system
- BIPV
- Solar Farms
- Standalone (off-grid)
- Systems

CONSTRUCTIONAL CHARACTERISTICS



- Frame
- Glass
- EVA
- Cells
- Back Sheet

CERTIFICATION



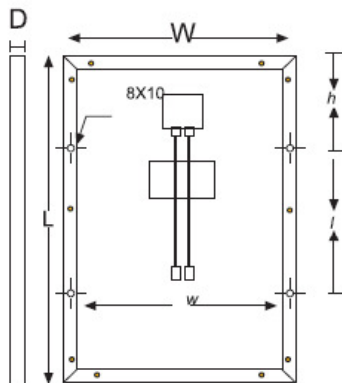
- IEC 61215 & 61730
- IEC 61701 (Salt Mist Test)
- IEC 62804 (PID)
- IEC 62716 (Ammonia Corrosion)
- MNRE (India) Certified
- ISO 9001:2015
- ISO 14001:2015
- ISO 18001:2007



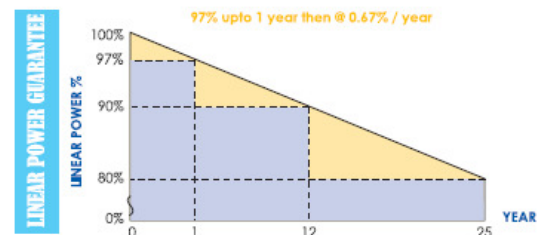
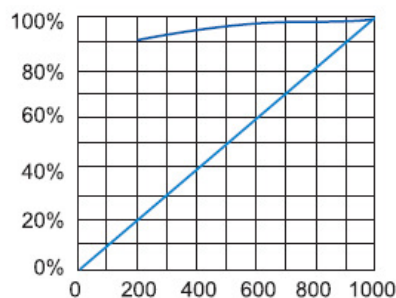
SS345P

320Wp-345Wp

| SPECIFICATIONS | SS320P | SS325P | SS330P | SS335P | SS340P | SS345P |
|---|-----------------------------------|--------|--------|--------|--------|--------|
| Electrical Characteristics | Cell Multi crystalline Solar Cell | | | | | |
| Open Circuit Voltage (Voc) | 45.92 | 46.15 | 46.31 | 46.42 | 46.56 | 46.6 |
| Optimum Operating Voltage (Vmp) | 36.58 | 36.68 | 36.77 | 36.87 | 37.01 | 37.25 |
| Short Circuit Current (Isc) | 9.12 | 9.21 | 9.3 | 9.41 | 9.48 | 9.56 |
| Optimum operating Current (Imp) | 8.76 | 8.87 | 8.99 | 9.1 | 9.2 | 9.27 |
| Power at STC (Pmax) | 320 | 325 | 330 | 335 | 340 | 345 |
| Module Efficiency (η) % | 16.47 | 16.72 | 16.98 | 17.24 | 17.50 | 17.75 |
| FF% | 0.77 | 0.77 | 0.77 | 0.77 | 0.77 | 0.78 |
| Operating Temperature | -40 to +85°C | | | | | |
| Temperature Co-efficient for Voc/°C (β) | -0.32% | | | | | |
| 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 | 21.3Kg | | | | | |
| Module Dimension (L) X (W) X (D) | 1961X991X40mm | | | | | |
| Mounting Hole (Oblong) | 8X10 mm | | | | | |
| Mounting Hole CTC distance - vertical (l) | 978 mm | | | | | |
| Mounting Hole from corner (h) | 491.5 mm | | | | | |
| Mounting Hole CTC distance - horizontal (w) | 943 mm | | | | | |
| Grounding Hole | 980.5 mm (Ø5) | | | | | |
| Drainage Hole | 60 mm (Ø3) | | | | | |
| Cable Length | 1000 mm | | | | | |



Light-Level Performance for Isc and VOC



* SUBJECT TO AVAILABILITY OF CELLS

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