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**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

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# **EnergyPal**

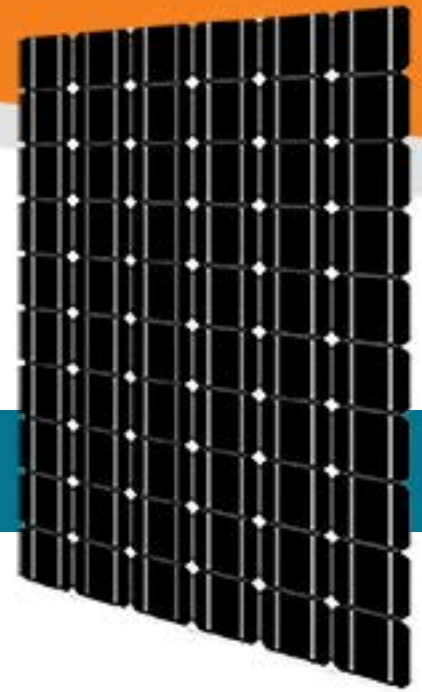
## **Solar Panel Guide Specification Data Sheet**

**Sanelite Solar Pvt Ltd  
SKY Series  
SE 260**

Also available on the web at  
[EnergyPal.com/sanelite-solar-pvt-ltd-solar-panels/se-260](http://EnergyPal.com/sanelite-solar-pvt-ltd-solar-panels/se-260)



**sanelite**<sup>®</sup>  
Solar Private Limited



# SKY Series

**Poly-crystalline  
Modules**

**60 cells**

**250-265 Wp**

Made from highest grade poly-crystalline silicon cells, the 60-cell SKY modules are one of its kind in the industry - giving high-efficiency even in most difficult weather conditions. The modules go through various tests with multi-layer stringent QC procedures and meet the highest levels of industry standards to yield maximum power.



### Superior Aesthetics

Uniform cell colour and high quality anodised aluminium frame give attractive look to the module



### Anti-reflective glass

Use of anti-reflective coated and textured glass absorbs the sun light to the fullest helping make high-efficiency modules



### Positive power tolerance

Positive power output tolerance of upto +3 Wp makes robust and long-lasting product



### A grade cells

Use of only A grade high-efficiency cells that give ever lasting performance over the years



### Manufacturing Excellence

Top-of-the-line manufacturing equipment facility with stringing for cut-cells also and backed by in-house reliable testing capabilities



### Quality Commitment

Rigorous in-house testing to meet the highest quality standards in industry



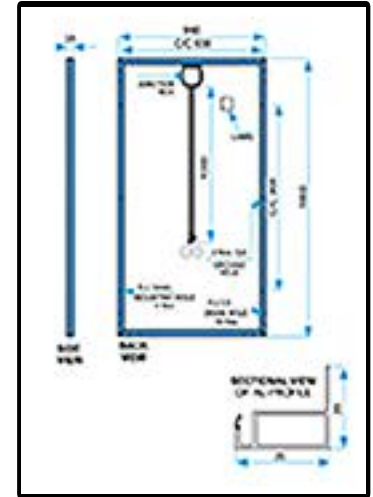
# SKY Series Specifications

## ELECTRICAL PARAMETERS<sup>#</sup>

|  | SE 250      | SS 255      | SS 260      | SS 265      |
|--|-------------|-------------|-------------|-------------|
| MAXIMUM RATED POWER ( $P_{MAX}$ ) W <sub>p</sub> | 250         | 255         | 260         | 265         |
| MAX CURRENT ( $I_{MP}$ ) A                       | 8.17        | 8.22        | 8.34        | 8.46        |
| MAX VOLTAGE ( $V_{MP}$ ) V                       | 30.89       | 31.07       | 31.3        | 31.54       |
| SHORT CIRCUIT CURRENT ( $I_{SC}$ ) A             | 8.64        | 8.68        | 8.78        | 8.88        |
| OPEN CIRCUIT VOLTAGE ( $V_{OC}$ ) V              | 37.02       | 37.2        | 37.37       | 37.61       |
| MODULE DIMENSIONS (LXWXH) +- 2%                  | 1660X990X35 | 1660X990X35 | 1660X990X35 | 1660X990X35 |
| WEIGHT K.G                                       | 18.5 KG     | 18.5 KG     | 18.5 KG     | 18.5 KG     |
| EFFECIENCY                                       | 15.21       | 15.51       | 15.82       | 16.12       |

# Parameters derived while testing at STC (Irradiance 1000 W/m<sup>2</sup>, Temperature 25 C and Spectrum AM 1.5)

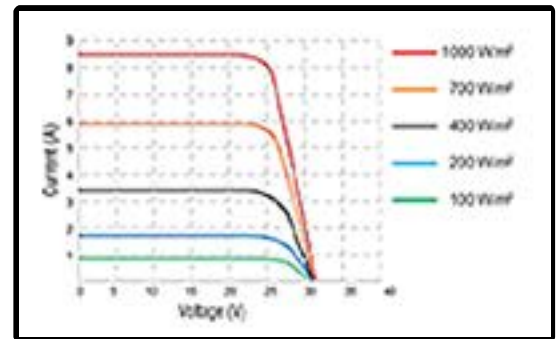
## DIMENSIONS (mm)



## TEMPERATURE CO-EFFICIENT

|                                 |            |
|---------------------------------|------------|
| Temperature coefficient of Voc  | -0.310%/°C |
| Temperature coefficient of Isc  | 0.052%/°C  |
| Temperature coefficient of Pmax | -0.41%/°C  |
| Maximum System Voltage          | 600V-1000V |
| NOCT                            | 45°C ± 2°C |

## IV CURVES



## PRODUCT SPECS

|                            |   |
|----------------------------|---|
| Cells                      | 4BB highest grade polycrystalline solar cell, 60 pcs            |
| Junction Box               | IEC/UL approved IP 65 & IP 67 rated 4 rail with 3 bypass diodes |
| Output cables              | USE-2 solar cable 4-sq.mm, length 990 mm                        |
| Glass                      | High transmission, low-iron, tempered, AR-coated                |
| Frame                      | Anodized Aluminium Frame  |
| Maximum Series Fuse Rating | 15 A  |
| Mechanical Load Test       | 5400 Pa   |

## WARRANTY AND CERTIFICATION

|                       |   |
|-----------------------|---|
| Product Warranty*     | 5 years warranty for manufacturing defects  |
| Performance Warranty* | Linear power warranty for 25 years with 2.5% for first year degradation and 0.82% from year 2 to 25 |
| Certificates          | IEC 61215, IEC 61730, IEC 61701, MNRE Approved  |

\* Refer to SSPL warranty document for detailed terms and conditions