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**Solar Panel Guide  
Specification Data Sheet**

**Sanelite Solar Pvt Ltd  
SPACE Series  
SE 320**

Also available on the web at  
[EnergyPal.com/sanelite-solar-pvt-ltd-solar-panels/se-320](http://EnergyPal.com/sanelite-solar-pvt-ltd-solar-panels/se-320)



## SPACE Series

**Poly-crystalline  
Modules**

**72 cells**

**300-320 Wp**

The perfect choice for megawatt scale power plants, the giant SPACE series modules provide robust reliable solutions. While the uniform colour of cells provide superior aesthetics, the high-efficiency A grade solar cells give them power of performance. Distilled through our multi-layer QC procedures, they 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

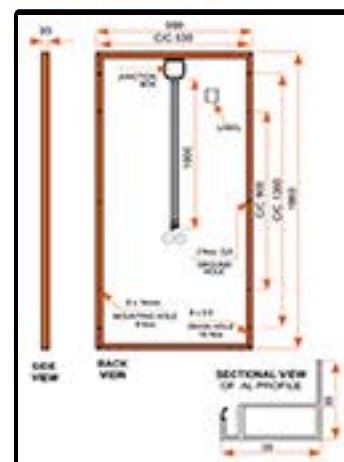
# SPACE Series Specifications

## ELECTRICAL PARAMETERS\*

	SE 300	SE 305	SE 310	SE 315	SE 320
MAXIMUM RATED POWER ( $P_{max}$ ) W <sub>p</sub>	300	305	310	315	320
MAX CURRENT ( $I_{sc}$ ) A	8.17	8.22	8.34	8.37	8.46
MAX VOLTAGE ( $V_{oc}$ ) V	37.07	37.28	37.56	37.92	37.85
SHORT CIRCUIT CURRENT ( $I_{sc}$ ) A	8.64	8.68	8.78	8.8	8.88
OPEN CIRCUIT VOLTAGE ( $V_{oc}$ ) V	44.42	44.64	44.85	45.27	45.13
MODULE DIMENSIONS (LXWXH) ± 2%	1960X990X35	1960X990X35	1960X990X35	1960X990X35	1960X990X35
WEIGHT K.G	20.5	20.5	20.5	20.5	20.5
EFFICIENCY	15.46	15.72	15.98	16.23	16.49

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

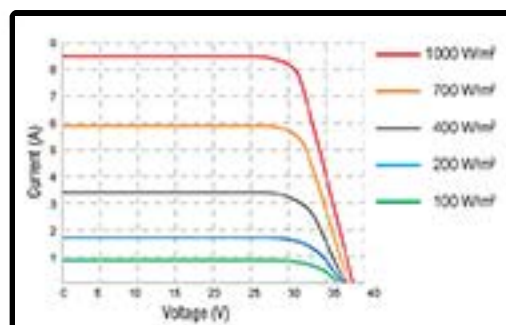
## DIMENSIONS (MM)



## 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	488 highest grade polycrystalline solar cell, 72 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