

KIRLOSKAR SOLAR DCR MODULES



PRODUCT FEATURES

- High power module using polycrystalline silicon 5 bus-bar Indian make solar cells with high conversion efficiency
- Designed for optimum use in Residential, commercial and utility scale installations
- High-Transmissivity, tempered glass for enhanced stiffness and impact resistance
- Robust, Anodized Aluminium frame for extended outdoor use
- 10 years guarantee on product workmanship
- Power output warranty : 10 years 90% of the rated Pmax, 15 years 80% of the rated Pmax



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ELECTRICAL SPECIFICATIONS:

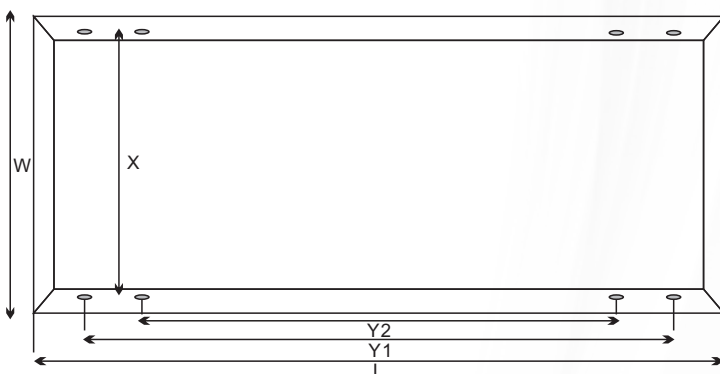
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|------------------------------|-------|-------|
| Pmax* (W) | 325 | 330 |
| Power Tolerance (W) | 0,+5 | 0,+5 |
| Module Efficiency (%) | 16.75 | 17.01 |
| Vmax (V) | 37.7 | 37.9 |
| I_{max} (A) | 8.63 | 8.72 |
| Voc (V) | 45.9 | 46.3 |
| I_{sc} (A) | 9.18 | 9.20 |

TEMPERATURE COEFFICIENTS:

| | |
|---|--------|
| Nominal Operating Cell Temperature (°C) | 45 ± 2 |
| Coefficient of Power (Pmax) (%/°C) | -0.40 |
| Coefficient of Voltage (Voc) (%/°C) | -0.35 |
| Coefficient of Current (I_{sc}) (%/°C) | 0.05 |

MECHANICAL CHARACTERISTICS:

| | |
|--|--|
| Module Dimension L x W x H (mm) | 1956 x 992 x 35 |
| X-Pitch Distance (mm) | 957 ± 2 |
| Y1 & Y2-Pitch Distance (mm) | 1676 ± 1 & 1176 ± 1 |
| Module Weight (kg) | 21 |
| Number of cells & size | 72 cells & 156.75mm (5BB) |
| Frame material | Anodized aluminium frame with twin wall profile |
| Glass | 3.2mm ARC, Low iron, Toughened & Tempered High transmittance |
| Junction box | IP67 rated junction box with 3 bypass diodes |
| Cable connector | MC4 compatible (4mm ²) |



* Value @ Standard Test Conditions (STC): Temp. 25°C, Irradiance 1000 w/m², AM 1.5

KIRLOSKAR SOLAR TECHNOLOGIES PRIVATE LIMITED

A Kirloskar Group Company

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