



# Innovative Solar Solutions

## ELECTRICAL DATA @STC

<b>Model</b>	<b>INV 260</b>
<b>Maximum Power P<sub>mpp</sub> [Wp]</b>	260
<b>Maximum Power Tolerance (%)</b>	±5%
<b>Voltage at maximum Power V<sub>mpp[V]</sub></b>	30.94
<b>Open circuit Voltage V<sub>oc</sub> [V]</b>	37.5
<b>Current at maximum Power I<sub>mpp</sub> [A]</b>	8.4
<b>Short circuit Current I<sub>sc</sub> [A]</b>	8.99
<b>NOCT [deg. C] ±2</b>	60
<b>Module Efficiency [%]</b>	16.0
<b>Maximum System Voltage (VDC)</b>	1000
<b>Operating temperature</b>	-40 to +85°C

## MECHANICAL DATA / CONSTRUCTION

<b>Dimension (L x W x D) mm</b>	1645x990x38
<b>Mounting pitch C/C (mm)</b>	(L) 1000 / 750 x (W) 955
<b>Cell Size (mm)</b>	156 x 156
<b>Cell Matrix</b>	10 x 6
<b>Module Weight (Kgs)</b>	18.0 (Approx)

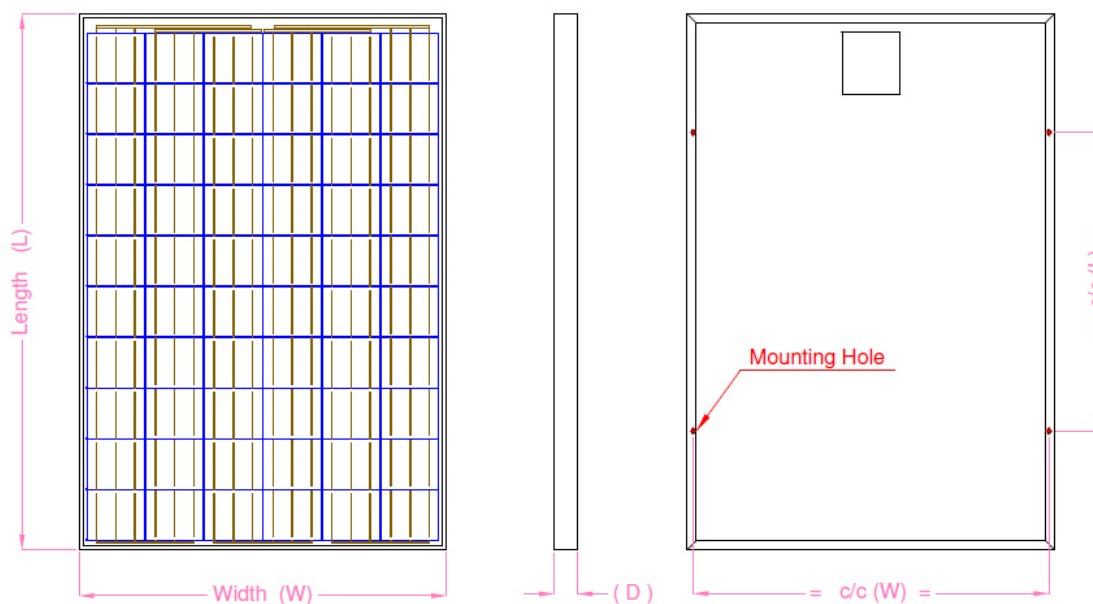
## Materials

- Frame : Aluminium Anodized (17-20μ)
- Superstrate : High Transmissivity, Low Iron Toughened Glass 3.2 Thk.
- Encapsulant : EVA
- Substrate : Composite film
- Junction Box : IP 65 (4 Terminal)
- Bypass diode : 3 Nos
- JB Material : PPO
- Cable : 4 Sq.mm
- Solar Cell : Polycrystalline

## Warranty Terms

- 5 Years Warranty for Manufacturing defects
- 25 Years Warranty on 80% of nominal power O/P
- 12 Years Warranty on 90% of nominal power O/P

**The Electrical characteristics are at Standard Test Conditions** (STC: irradiance of 1000 W/m<sup>2</sup>, AM 1.5 spectrum, and a cell temperature of 25°C/77°F)



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## INNOVATIVE SOLAR SOLUTIONS

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