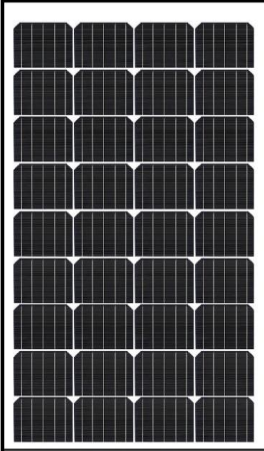
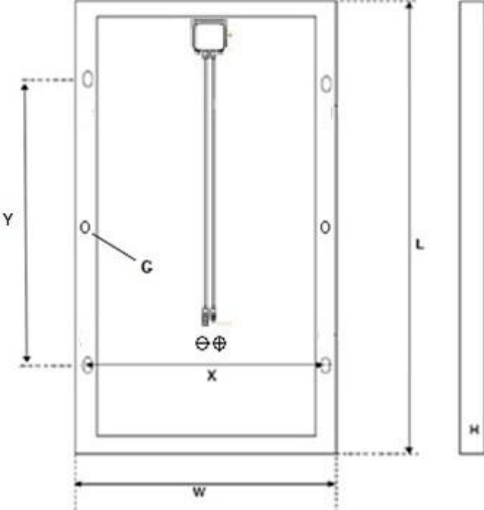


| 120 watt monocrystalline - module data sheet | | | Module Design (Front) |
|---|---|-----------|--|
| ELECTRICAL PARAMETERS | | |  |
| Model Name | 120 watt | | |
| Cell Configurations (Nos.) | 9 x 4 (36) Series | | |
| Parameters | Value | Tolerance | |
| Pmax (W) | 120.00 | ± 3.0%. | |
| Voc (V) | 23.26 | | |
| Isc (A) | 6.36 | | |
| Vmax (V) | 19.95 | | |
| Imax (A) | 6.02 | | |
| Fill Factor (%) | 81.12 | | |
| Module Efficiency (%) | 17.69 | | |
| Maximum System Voltage (VDC) | 600.00 | | |
| Nominal Operating Cell Temp. {NOCT} (°C) | 44.0 °C | | |
| Temp. Coefficient of Pmax (%/°C) | -0.43 | | |
| Temp. Coefficient of Voc (%/°C) | -0.32 | | |
| Temp. Coefficient of Isc (%/°C) | 0.03 | | |
| Electrical values measured at STC: 25°C, 1.5AM, 1000 W/m ² | | | |
| MECHANICAL PARAMETERS | | |  |
| Parameters | Measurement | Tolerance | |
| L - Length of Module (mm) | 1020 | ± 1.0 mm. | |
| W - Width of Module (mm) | 665 | ± 1.0 mm. | |
| H - Height of Module (mm) | 35 | ± 0.5 mm. | |
| X - Pitch Distance (mm) | 632 | ± 2.0 mm. | |
| Y - Pitch Distance (mm) | 510 | ± 2.0 mm. | |
| G - Grounding Hole (mm) | 6 mm diameter on length side | | |
| Mounting Hole (mm) | 4 oblong of size 9 mm x 11 mm | | |
| Junction Box | 3 terminal Junction Box with 2 bypass diode | | |