HELIENE IS A PREMIER SOLAR MODULE MANUFACTURER, SERVICING THE GROWING SOLAR ENERGY MARKETS OF NORTH AMERICA.

COMBINING PROVEN EUROPEAN TECHNOLOGY WITH NORTH AMERICAN INGENUITY ALLOWS HELIENE TO MAKE A REAL COMMITMENT IN PROVIDING SMARTER ENERGY CHOICES FOR THE FUTURE.

HELIENE
www.heliene.com

385 Wp
MAX POWER OUTPUT

20.01%
MAX EFFICIENCY

10 YEAR
PRODUCT WARRANTY

25 YEAR
LINEAR PERFORMANCE GUARANTEE

HELIENE
72-CELL G1 MONOCRYSSTALLINE

72MBLK G1

HIGHER POWER OUTPUT USING N-TYPE CELLS
ALMOST ZERO LID

AVAILABLE IN 1000V OR 1500V SYSTEM VOLTAGE RATING

QUALITY MANAGEMENT SYSTEM FOLLOWING INTERNATIONAL STANDARD: ISO9001

LINEAR PERFORMANCE GUARANTEE

10 YEAR WORKMANSHIP WARRANTY • 25 YEAR LINEAR PERFORMANCE GUARANTEE

ADDED VALUE FROM HELIENE’S LINEAR WARRANTY

Guaranteed Power Output (%)
**ELECTRICAL DATA (STC)**

<table>
<thead>
<tr>
<th>Peak Rated Power</th>
<th>$P_{mpp}$ (W)</th>
<th>385</th>
<th>380</th>
<th>375</th>
<th>370</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power Voltage</td>
<td>$V_{mpp}$ (V)</td>
<td>41.76</td>
<td>41.20</td>
<td>40.67</td>
<td>40.23</td>
</tr>
<tr>
<td>Maximum Power Current</td>
<td>$I_{mpp}$ (A)</td>
<td>9.24</td>
<td>9.23</td>
<td>9.22</td>
<td>9.21</td>
</tr>
<tr>
<td>Open Circuit Voltage</td>
<td>$V_{oc}$ (V)</td>
<td>49.70</td>
<td>49.55</td>
<td>48.96</td>
<td>48.66</td>
</tr>
<tr>
<td>Short Circuit Current</td>
<td>$I_{sc}$ (A)</td>
<td>10.06</td>
<td>9.98</td>
<td>9.90</td>
<td>9.77</td>
</tr>
<tr>
<td>Module Efficiency *</td>
<td>$Eff$ (%)</td>
<td>20.01</td>
<td>19.65</td>
<td>19.34</td>
<td>19.09</td>
</tr>
<tr>
<td>Maximum SeriesFuse Rating</td>
<td>MF (A)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Power Output Tolerance</td>
<td>[-2/+2%]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STC - Standard Test Conditions: Irradiation 1000 W/m² - Air mass AM 1.5 - Cell temperature 25 °C

*Calculated using maximum power based on full positive output tolerance [-2/+2%]*

**MECHANICAL DATA**

- **Dimensions (L x W x D)**: 1986 x 1001 x 40 mm (78.2 x 39.4 x 1.6 inch)
- **Weight**: 23.5 kg (51.81 lbs)
- **Output Cables**: 1.2 m (47.2 inch) symmetrical cables with MC4 type connectors
- **Junction Box**: IP-67 rated with 3 bypass diodes
- **Frame**: Double webbed 15 micron anodized aluminum alloy
- **Front Glass**: Low-iron content, high-transmission PV solar glass
- **Solar Cells**: 72 Monocrystalline cells (158.75 x 158.75mm)

**CERTIFICATIONS**

- **UL Certification**: ULC/ORD-C1703-1, UL1703
- **IEC Certification**: Optional

Helienne modules are certified under the California Energy Commission (CEC) Listing Report

**TEMPERATURE RATINGS**

- **Nominal Operating Cell Temperature (NOCT)**: +45°C (±2°C)
- **Temperature Coefficient of $P_{max}$**: -0.36%/°C
- **Temperature Coefficient of $V_{oc}$**: -0.33%/°C
- **Temperature Coefficient of $I_{sc}$**: 0.06%/°C

**MAXIMUM RATINGS**

- **Operational Temperature**: -40°C - +85°C
- **Max System Voltage**: 1000V (*1500V*) *Optional

**PACKAGING CONFIGURATION**

- Modules per box: 26 pieces
- Modules per 53’ trailer: 780 pieces

**WARRANTY**

- 10 Year Manufacturer’s Workmanship Warranty
- 25 Year Linear Power Guarantee

(Refer to product warranty page for details)

**CAUTION:** READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.