60M G1 All Black Module
60 Cell Monocrystalline 305W - 320W

19.2%
Utilizes the latest high efficiency Monocrystalline PERC cells.

Stability & Looks
Rugged, double webbed frame design withstands wind, snow, and other mechanical stresses. Framed Glass–Backsheet aesthetic is ideal for high visibility installation.

Anti-Reflective
Premium solar glass with anti reflective coating delivers more energy throughout the day.

High Reliability
Proven resistance to PID and reliable in high temperature and humidity environments.

Manufactured Using International Quality System Standards: ISO9001

World-class Quality
- Heliene’s fully automated manufacturing facilities with state-of-the-art robotics and computer aided inspection systems ensure the highest level of product quality and consistency
- All manufacturing locations are compliant with international quality standards and are ISO 9001 certified
- Heliene modules have received Top Performer rankings in several categories from PV Evolution Labs (PV EL) independent quality evaluations

Bankable Reputation
- Established in 2010, Heliene is recognized by Bloomberg New Energy Finance (BNEF) as Tier 1 manufacturer of solar modules and has been approved for use by the U.S. Department of Defense, U.S. Army Corps of Engineers and from numerous top tier utility scale project debt providers
- By investing heavily in research and development, Heliene has been able to stay on the cutting edge of advances in module technology and manufacturing efficiency

No Compromise Guarantee
15 Year Workmanship Warranty
25 Year Linear Performance Guarantee

Local Sales, Service, and Support
- With sales offices across the U.S. and Canada, Heliene prides itself on unsurpassed customer support for our clients. Heliene has become the brand of choice for many of the leading residential installers, developers and Independent Power Producers due to our innovative technology, product customization capability and just in time last-mile logistics support
- Local sales and customer support means answered phone calls and immediate answers to your technical and logistics questions. We understand your project schedules often change with little warning and endeavor to work with you to solve your project management challenges

www.heliene.com
60M G1 All Black Module

**Dimensions for 60M G1 All Black Series Modules**

**Mechanical Data**
- Solar Cells: 60 Monocrystalline cells (158.75 x 158.75 mm)
- Module Construction: Framed Glass–Backsheet
- Dimensions (L x W x D): 1666 x 1001 x 40 mm (65.5 x 39.4 x 1.6 inch)
- Weight: 19 kg (41.9 lbs)
- Frame: Double Webbed 15-Micron Anodized Aluminum Alloy
- Glass: 3.2mm Low-Iron Content, High-Transmission, PV Solar Glass with Anti Reflective Coating
- Junction Box: IP68 Rated Junction Box with 3 Bypass Diodes
- Output Cables: 1.2-meter (47.24-inch) Symmetrical Cables
- Connectors: Multi-Contact (Staubli) MC4

**Certifications**
- UL Certification: UL61215, UL61730

**Temperature Ratings**
- Nominal Operating Cell Temperature (NOCT): +45°C (±2°C)
- Temperature Coefficient of P_{mpp}: -0.36%/°C
- Temperature Coefficient of V_{oc}: -0.30%/°C
- Temperature Coefficient of I_{sc}: 0.04%/°C

**Maximum Ratings**
- Operational Temperature: -40°C - +85°C
- Max System Voltage: 1000V

**Warranty**
- 15 Year Manufacturer’s Workmanship Warranty
- 25 Year Linear Power Guarantee

The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the ongoing innovation and product enhancements. Heliene Inc. reserves the right to make necessary adjustments to the information described herein at any time without prior notice. PV modules should be handled and installed only by qualified people. Please carefully read safety and installation instructions available for download from Heliene website before using Heliene PV modules. For warranty details, please refer to Product Warranty Document, also available for download from Heliene website.