20.5%
Super high efficiency advanced HJT cells with Smartwire technology using 18 round microwires in place of traditional flat busbars. The round shape of the microwire creates light trapping effect which reduces shading by 25%.

Stability & Looks
HJT cells, based on N-type silicon result in extremely low LID & PID, reducing annual degradation and guaranteeing more power.

Anti-Reflective
Premium solar glass with anti reflective coating delivers more energy throughout the day while the HJT cells excel in low light and high temperature conditions.

High Reliability
HJT cell combines the advantages of N-type crystalline silicon with the excellent absorption and passivation of amorphous silicon.

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

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 as highly bankable 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

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
**Electrical Data (STC)**

- Peak Rated Power: P_{mpp} (W) = 370, 365, 360
- Maximum Power Voltage: V_{mpp} (V) = 41.20, 40.80, 40.45
- Maximum Power Current: I_{mpp} (A) = 8.98, 8.95, 8.90
- Open Circuit Voltage: V_{oc} (V) = 49.02, 48.82, 48.62
- Short Circuit Current: I_{sc} (A) = 9.48, 9.45, 9.41
- Module Efficiency: Eff (%) = 20.5, 20.2, 20.0
- Maximum Series Fuse Rating: MF (A) = 15, 15, 15
- Power Output Tolerance: [-0/+3%]

*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 [-0/+3%]*

**Electrical Data (NMOT)**

- Maximum Power - P_{max} (Wp): P_{mpp} (W) = 275, 270, 265
- Maximum Power Voltage - V_{mpp} (V): V_{mpp} (V) = 38.28, 37.73, 37.22
- Maximum Power Current - I_{mpp} (A): I_{mpp} (A) = 7.18, 7.16, 7.12
- Open Circuit Voltage - V_{oc} (V): V_{oc} (V) = 46.25, 46.06, 45.87
- Short Circuit Current - I_{sc} (A): I_{sc} (A) = 7.63, 7.60, 7.57

*NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind speed 1m/s
* Calculated using maximum power based on full positive output tolerance [-0/+3%]*

**Mechanical Data**

- Solar Cells: 66 Heterojunction N-type cells (157.35 x 157.35mm)
- Module Construction: Framed Glass-Backsheet
- Dimensions (L x W x D): 1808 x 998 x 40mm (71.18 x 39.29 x 1.6 inch)
- Weight: 20.4 kg (44.9lbs)
- 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
- UL9000: Certified
- IEC61215: Approved
- IEC61730: Approved

**Temperature Ratings**

- Nominal Operating Cell Temperature (NOCT): +42°C (-2°C)
- Temperature Coefficient of P_{max}: -0.294%/°C
- Temperature Coefficient of V_{oc}: -0.257%/°C
- Temperature Coefficient of I_{sc}: 0.0374%/°C

**Maximum Ratings**

- Operational Temperature: -40°C - +85°C
- Max System Voltage: 600V (1000V Optional)
- Mech. Load Test (Front): 113 psf / 5400 Pa
- Mech. Load Test (Back): 50 psf / 2400 Pa
- Fire Rating: Type 2 (Type 1 Optional)

**Warranty**

- 15Year Manufacturer's Workmanship Warranty
- 25 Year Linear Power Guarantee