

370 Wp max power output

19.1% Max efficiency

10 YEAR PRODUCT WARRANTY

25 YEAR LINEAR PERFORMANCE GUARANTEE

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





GUARANTEED POSITIVE POWER SORTING: [-0:+4.99 WP]



PERFECT FOR HIGH VISIBILITY INSTALLATIONS



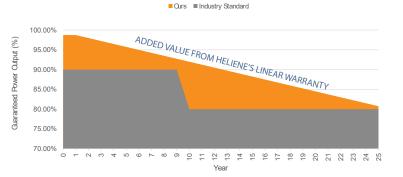
MANUFACTURED ACCORDING TO INTERNATIONAL QUALITY SYSTEM STANDARDS: ISO9001

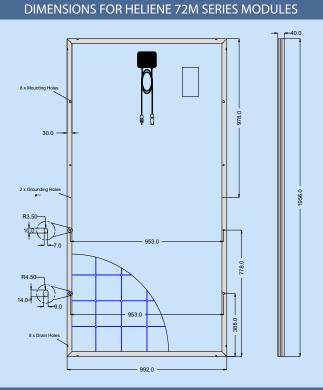


H-BLACK INTEGRATION - BLACK FRAME & BACK-SHEET

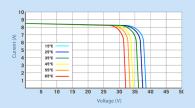
LINEAR PERFORMANCE GUARANTEE

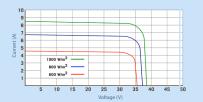
10 YEAR WORKMANSHIP WARRANTY • 25 YEAR LINEAR PERFORMANCE GUARANTEE





I-V CURVE FOR HELIENE 72M SERIES





CERTIFICATIONS



ELECTRICAL DATA (STC)

Peak Rated Power	P _{mpp} (W)	370	365	360	350
Maximum Power Voltage	V _{mpp} (V)	40.23	39.90	39.71	39.13
Maximum Power Current	I _{mpp} (A)	9.26	9.20	9.13	9.01
Open Circuit Voltage	V _{oc} (V)	48.66	48.50	48.10	47.57
Short Circuit Current	lsc (A)	9.77	9.75	9.71	9.65
Module Efficiency *	Eff (%)	19.1	18.8	18.6	18.0
MaximumSeriesFuseRating	MF (A)	20	20	20	20
Power Output Tolerance	[- 0 , + 4.99] Wp				

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, +4.99] Wp

MECHANICAL DATA

Dimensions (L x W x D)	1956 x 992 x 40 mm (77 x 39 x 1.6 inch)	
Weight	22 kg (48.5 lbs)	
Output Cables	1.2 m (47.2 inch) symmetrical cables with MC4 type connectors	
Junction Box	IP-67 rated with 3 bypass diodes (IP-67 Available upon request)	
Frame	Double webbed 15 micron anodized aluminum alloy	
Front Glass	Low-iron content, high-transmission PV solar glass	
Solar Cells	72 Monocrystalline cells (156.75 x 156.75 mm)	

CERTIFICATIONS

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

Heliene modules are certified under the California Energy Commision (CEC) Listing Report

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	+45°C (±2°C)
Temperature Coefficient of P _{max}	-0.39%/°C
Temperature Coefficient of $V_{_{oc}}$	-0.31%/°C
Temperature Coefficient of I _{sc}	0.045%/°C

PACKAGING CONFIGURATION Modules per box: 26 pieces Modules per 53' trailer: 780 pieces

Temperature (NOCT)	(±2°C)
Temperature Coefficient of P_{max}	-0.39%/°C
Temperature Coefficient of $V_{_{oc}}$	-0.31%/°C
Temperature Coefficient of I _{sc}	0.045%/°C

MAXIMUM RATINGS

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

WARRANTY

10 Year Manufacturer's Workmanship Warranty

25 Year Linear Power Guarantee

(Refer to product warranty page for details)



HELIENE



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT. Specifications included in this datasheet are subject to change without notice.