



132MG1

132-CELL G1 MONOCRYSTALLINE
HALF CELL PV MODULE

350 Wp

MAX POWER OUTPUT

18.71%

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



HALF CELL DESIGN WITH SPLIT J-BOX TECHNOLOGY TO REDUCE SHADING EFFECT ON ENERGY GENERATION



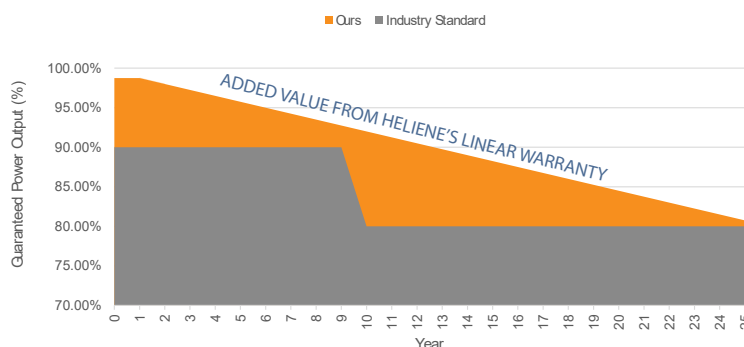
AVAILABLE IN 1000V OR 1500V SYSTEM VOLTAGE RATING



QUALITY MANAGEMENT SYSTEM FOLLOWING INTERNATIONAL STANDARD: ISO9001

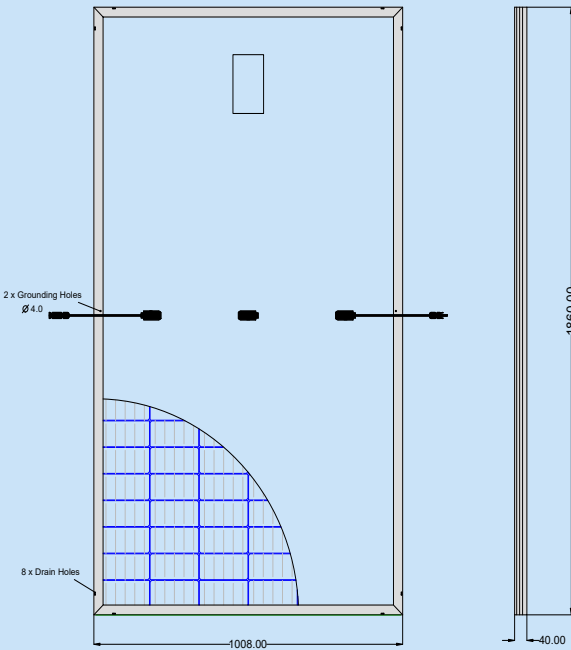
LINEAR PERFORMANCE GUARANTEE

10 YEAR WORKMANSHIP WARRANTY • 25 YEAR LINEAR PERFORMANCE GUARANTEE

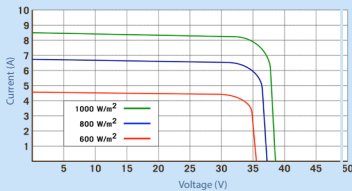
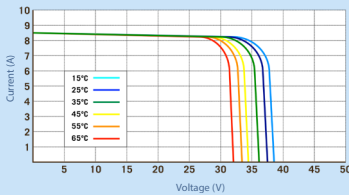


132M G1

DIMENSIONS FOR HELIENE 132M G1 SERIES MODULES



I-V CURVE FOR HELIENE 132M G1 SERIES



CERTIFICATIONS



ELECTRICAL DATA (STC)

Peak Rated Power	P_{mpp} (W)	350
Maximum Power Voltage	V_{mpp} (V)	36.95
Maximum Power Current	I_{mpp} (A)	9.49
Open Circuit Voltage	V_{oc} (V)	43.90
Short Circuit Current	I_{sc} (A)	9.95
Module Efficiency *	Eff (%)	18.71
Maximum Series Fuse Rating	MF (A)	20
Power Output Tolerance		[- 2/+2 %]

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)	1860 x 1008 x 40 mm (73.23 x 39.68 x 1.6 inch)
Weight	22.5 kg (49.60lbs)
Output Cables	300 mm (11.8 inch) symmetrical cables with MC4 type connectors
Junction Box	3x IP-68 rated Junction Boxes
Frame	Double webbed 15 micron anodized aluminum alloy
Front Glass	Low-iron content, high-transmission PV solar glass
Solar Cells	132 Monocrystalline cells (158.75 x 79.38mm)

CERTIFICATIONS

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

Heliene 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}	-0.39%/°C
Temperature Coefficient of V_{oc}	-0.33%/°C
Temperature Coefficient of I_{sc}	0.04%/°C

PACKAGING CONFIGURATION

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

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)

HELIENE132M_Silver_HalfCell_G1_350_REV.00



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