490 Wp
MAX POWER OUTPUT

19.1%
MAX EFFICIENCY

10 YEAR
PRODUCT WARRANTY

25 YEAR
LINEAR PERFORMANCE GUARANTEE

HELIENE INC. 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
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DIMENSIONS FOR HELIENE 96M SERIES MODULES

STC - Standard Test Conditions: Irradiation 1000 W/m² - Air mass AM 1.5 - Cell temperature 25 ºC
* Calculated using maximum power based on full positive output tolerance [-0 , +4.99] Wp

MECHANICAL DATA

Dimensions (L x W x D) 1956 x 1310 x 40 mm (77 x 51.6 x 1.6 inch)
Weight 38 kg (83.7 lbs)
Output Cables 1.5 m (47.2 inch) symmetrical cables with MC4 type connectors
Junction Box IP-67 rated with bypass diodes
Frame Double webbed 5 micron anodized aluminum alloy
Front Glass Low-iron content, high-transmission PV solar glass
Solar Cells 96 Monocrystalline cells (156 x 156 mm)

CERTIFICATIONS

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

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NCT) +45°C (±2°C)
Temperature Coefficient of Pmpp -0.39%/°C
Temperature Coefficient of Voc -0.31%/°C
Temperature Coefficient of Isc 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)

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