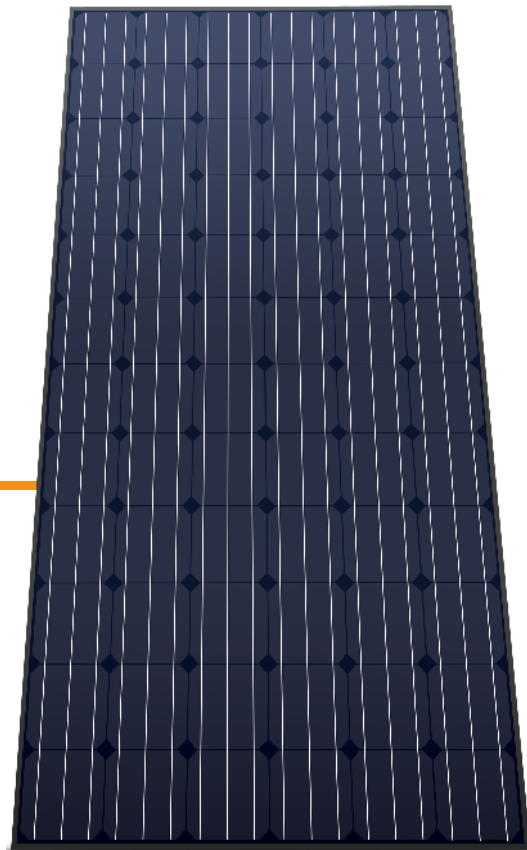




# 72MBLK G1

72-CELL G1 MONOCRYSTALLINE



## 385 Wp

MAX POWER OUTPUT

## 20.01%

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](http://www.heliene.com)



HIGHER POWER OUTPUT USING N-TYPE CELLS  
ALMOST ZERO LID



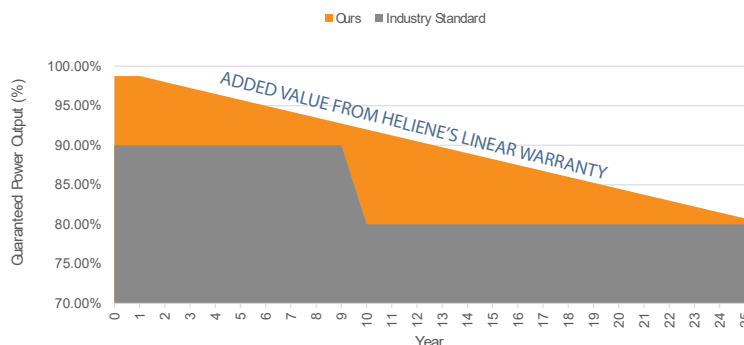
AVAILABLE IN 1000V OR 1500V SYSTEM VOLTAGE  
RATING



QUALITY MANAGEMENT SYSTEM FOLLOWING  
INTERNATIONAL STANDARD: ISO9001

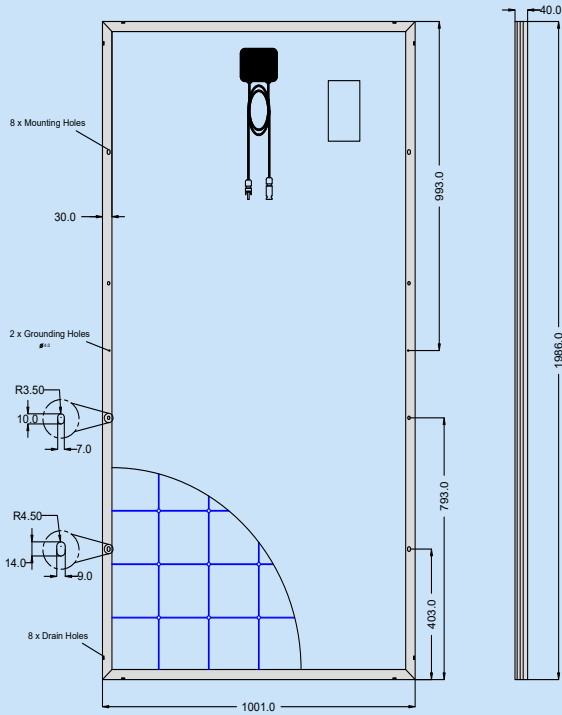
## LINEAR PERFORMANCE GUARANTEE

10 YEAR WORKMANSHIP WARRANTY • 25 YEAR LINEAR PERFORMANCE GUARANTEE

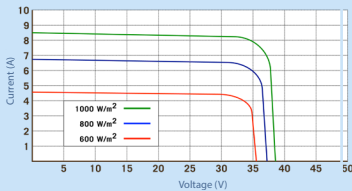
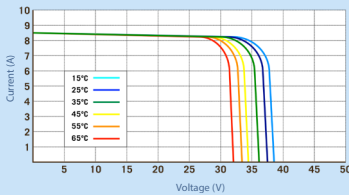


# 72MBLK G1

## DIMENSIONS FOR HELIENE 72M G1 SERIES MODULES



## I-V CURVE FOR HELIENE 72M G1 SERIES



## CERTIFICATIONS



## ELECTRICAL DATA (STC)

Peak Rated Power	$P_{mpp}$ (W)	385	380	375	370
Maximum Power Voltage	$V_{mpp}$ (V)	41.76	41.20	40.67	40.23
Maximum Power Current	$I_{mpp}$ (A)	9.24	9.23	9.22	9.21
Open Circuit Voltage	$V_{oc}$ (V)	49.70	49.55	48.96	48.66
Short Circuit Current	$I_{sc}$ (A)	10.06	9.98	9.90	9.77
Module Efficiency *	Eff (%)	20.01	19.65	19.34	19.09
Maximum Series Fuse Rating	MF (A)	20	20	20	20
Power Output Tolerance		[- 2/+2%]			

STC - Standard Test Conditions: Irradiation 1000 W/m<sup>2</sup> - 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)	1986 x 1001 x 40 mm (78.2 x 39.4 x 1.6 inch)
Weight	23.5 kg (51.81lbs)
Output Cables	1.2 m (47.2 inch) symmetrical cables with MC4 type connectors
Junction Box	IP-67 rated with 3 bypass diodes
Frame	Double webbed 15 micron anodized aluminum alloy
Front Glass	Low-iron content, high-transmission PV solar glass
Solar Cells	72 Monocrystalline cells (158.75 x 158.75mm)

## 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 $P_{max}$	-0.36%/°C
Temperature Coefficient of $V_{oc}$	-0.33%/°C
Temperature Coefficient of $I_{sc}$	0.06%/°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)



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