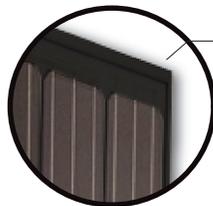


Quality Without Compromise

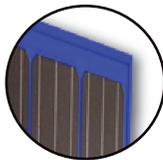
At Eclipsall, we've made a company wide commitment to quality and we meet that commitment every day. At our state-of-the-art facility located in Toronto, our dedication to superior quality and performance extends to every aspect of our operation. We use Tier 1 European manufacturing technology to produce best-in-class solar modules. We offer 100% defect detection and flash testing with output sorting, again ensuring maximum performance and quality. Combine this with superior performance, a flexible range of product options and features, an industry leading 25 year linear performance warranty and you have it – a superior solar module from a company that prides itself on delivering only the best.

Product Options

Eclipsall NRG modules are available in various frame and backsheet colour options*



NEW!
Featuring
black on black



*coloured frame, no frame, clear backsheet, solid coloured backsheet, glass on glass

Superior Performance

- Module efficiency up to 17%
- Positive power tolerance range 0 to 5W maximizing value per watt
- 3 bus bar design provides higher power output and increased performance

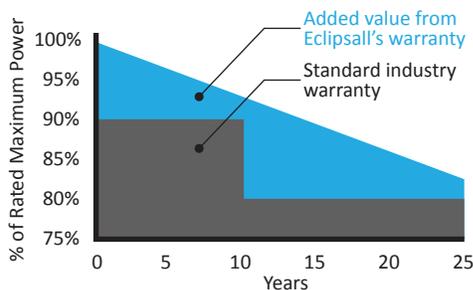
Product Features

- 4mm anti-reflective solar glass* on all panels to provide greater strength, and to reduce solar energy lost from sunlight reflection and improve light transmittance
- Impact and load tested to 5400Pa
- Anodized aluminum frame with low profile weather-edge providing easier run-off for rain, snow and debris

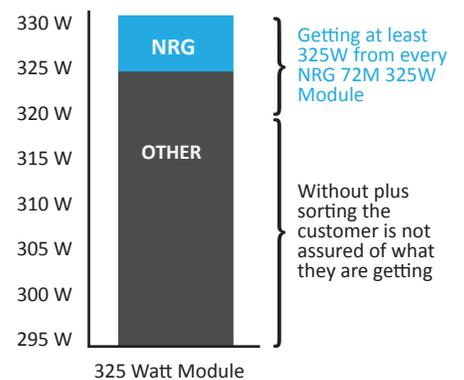
*Regular low iron tempered glass available upon request

Industry Leading Warranty

Eclipsall provides a 25-year linear performance guarantee



Positive Power Sorting



Electrical Data

Type	NRG72 300M	NRG72 305M	NRG72 310M	NRG72 315M	NRG72 320M	NRG72 325M
Rated Maximum Power at STC - Pmax(W)	300W	305W	310W	315W	320W	325W
Maximum Power Voltage - Vmp(V)	36.54	36.69	36.78	36.88	36.97	37.22
Maximum Power Current - Imp(A)	8.22	8.32	8.43	8.51	8.66	8.73
Open Circuit Voltage - Voc(V)	44.87	44.99	45.12	45.28	45.39	45.60
Short Circuit Current - Isc(A)	8.73	8.84	8.92	8.95	8.97	8.98
Operating Temperature	-40 to +85°C					
Max System Voltage	1000V (IEC) / 600V (UL)					
Fuse rating	15A					
Power Tolerance	0 to 5W					
Temperature Coefficients	Pmax	-0.438%/°C				
	Voc	-0.341%/°C				
	Isc	0.047%/°C				

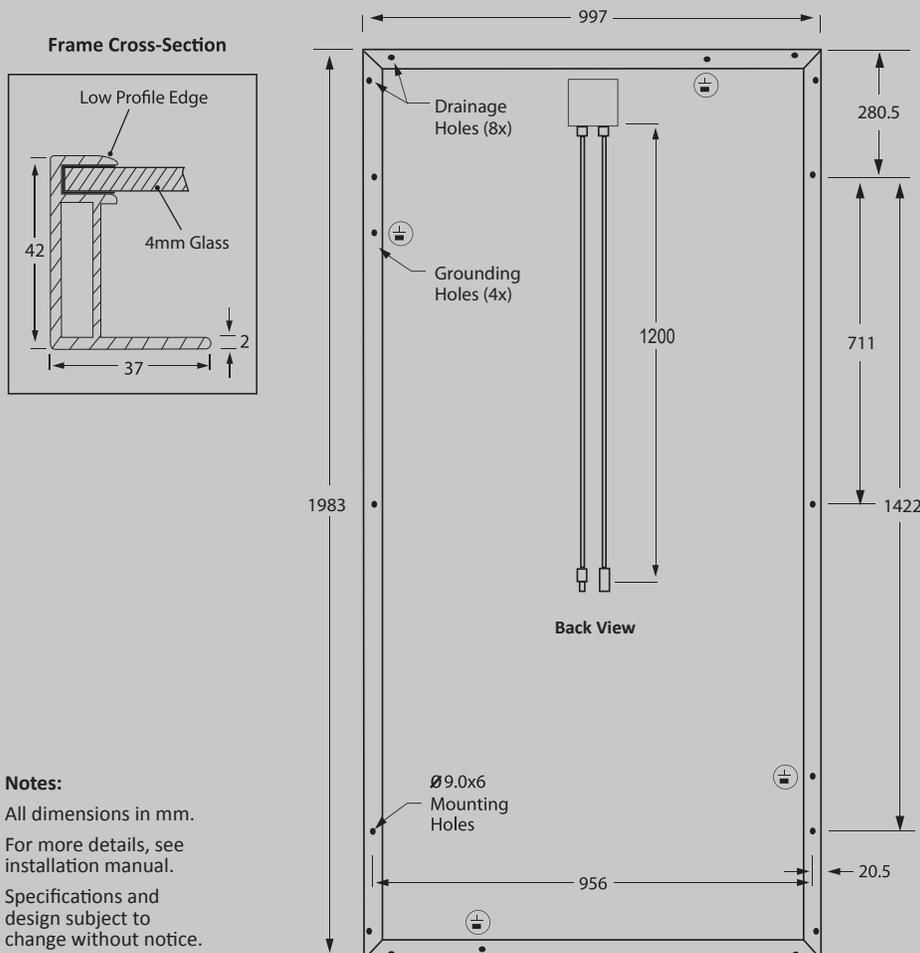
*Note: Power specification under standard test conditions (STC) of irradiance of 1000 W/m², spectrum AM = 1.5, and module temp of 25°C

Module Design

Cell Type	Mono-crystalline, 3 Bus Bar
Cell Configuration	72 (156 x 156mm)
Dimensions (LxWxH)	1983 x 997 x 42 mm
Weight	25kg
Frame	Extruded & Anodized Aluminum Profile
Solar Glass	4mm, Anti-Reflective Glass*
Encapsulation	Glass - EVA - Solar Cells - EVA - Backsheet
Backsheet	Dupont™ Tedlar® MultiLayer Composite Film
Junction Box	Tyco or Amphenol
Bypass Diodes	3 (SL1515)
Cable	4mm ² (12 AWG), 1200mm length
Rear Connection	SOLARLOK or MC4
Static Surface Load (Front/Back)	2400Pa
Max Surface Load (Heavy Snow)	5400Pa
Certifications	ANSI/UL 1703, ULC/ORD C-1703, IEC 61215, IEC 61730, UL 1703:2002 R4.08
Module Efficiency	Up to 17%
Packaging (modules per pallet)	25 or as specified

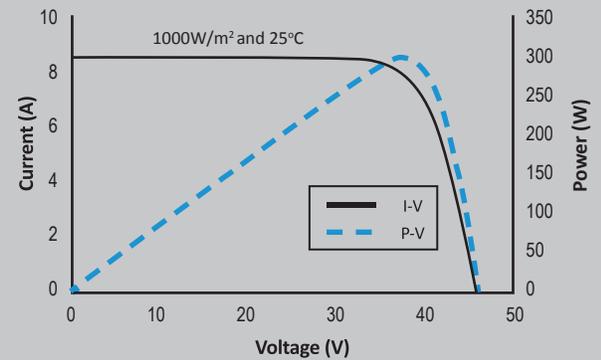
Note: All modules manufactured by Eclipsall will undergo flash testing and will be sorted accordingly
*Regular low iron tempered glass available upon request

Dimensions



Notes:
All dimensions in mm.
For more details, see installation manual.
Specifications and design subject to change without notice.

I-V and P-V Curve



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