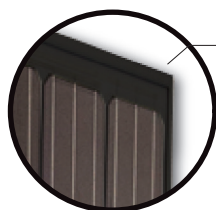


## Quality Without Compromise

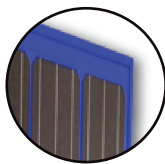
At Eclipsall, we've made a company wide commitment to quality and we meet that commitment every day. At our state-of-the-art facility located in Toronto, our dedication to superior quality and performance extends to every aspect of our operation. We use Tier 1 European manufacturing technology to produce 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\*



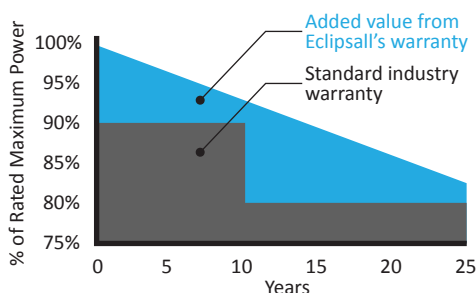
**NEW!**  
Featuring  
black on black



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

### Industry Leading Warranty

Eclipsall provides a 25-year linear performance guarantee



### Superior Performance

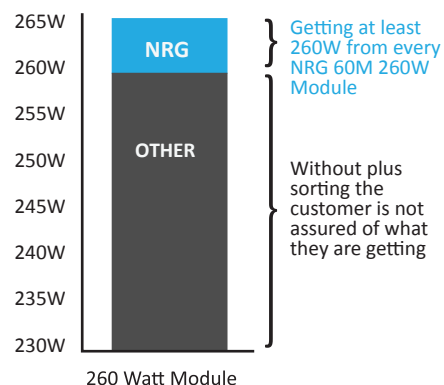
- Module efficiency up to 17%
- Positive power tolerance range 0 to +5W maximizing value per watt
- 3 bus bar design provides higher power output and increased performance

### 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
- 2mm thick 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

### Positive Power Sorting



# NRG 60M Technical Data

## Electrical Data

Type	NRG60 250M	NRG60 255M	NRG60 260M	NRG60 265M	NRG60 270M	NRG60 275M
Rated Maximum Power at STC - P <sub>max</sub> (W)	250W	255W	260W	265W	270W	275W
Maximum Power Voltage - V <sub>mp</sub> (V)	30.32	30.37	30.42	30.54	30.6	30.68
Maximum Power Current - I <sub>mp</sub> (A)	8.26	8.41	8.53	8.68	8.83	8.96
Open Circuit Voltage - V <sub>oc</sub> (V)	37.38	37.60	37.81	37.99	38.18	38.29
Short Circuit Current - I <sub>sc</sub> (A)	8.79	8.83	8.85	8.88	8.91	8.93
Operating Temperature	-40 to +85°C					
Max System Voltage	1000V (IEC) / 600V (UL)					
Fuse rating	15A					
Power Tolerance	0 to +5W					
Temperature Coefficients	P <sub>max</sub>	-0.484 %/°C				
	V <sub>oc</sub>	-0.363 %/°C				
	I <sub>sc</sub>	0.047 %/°C				

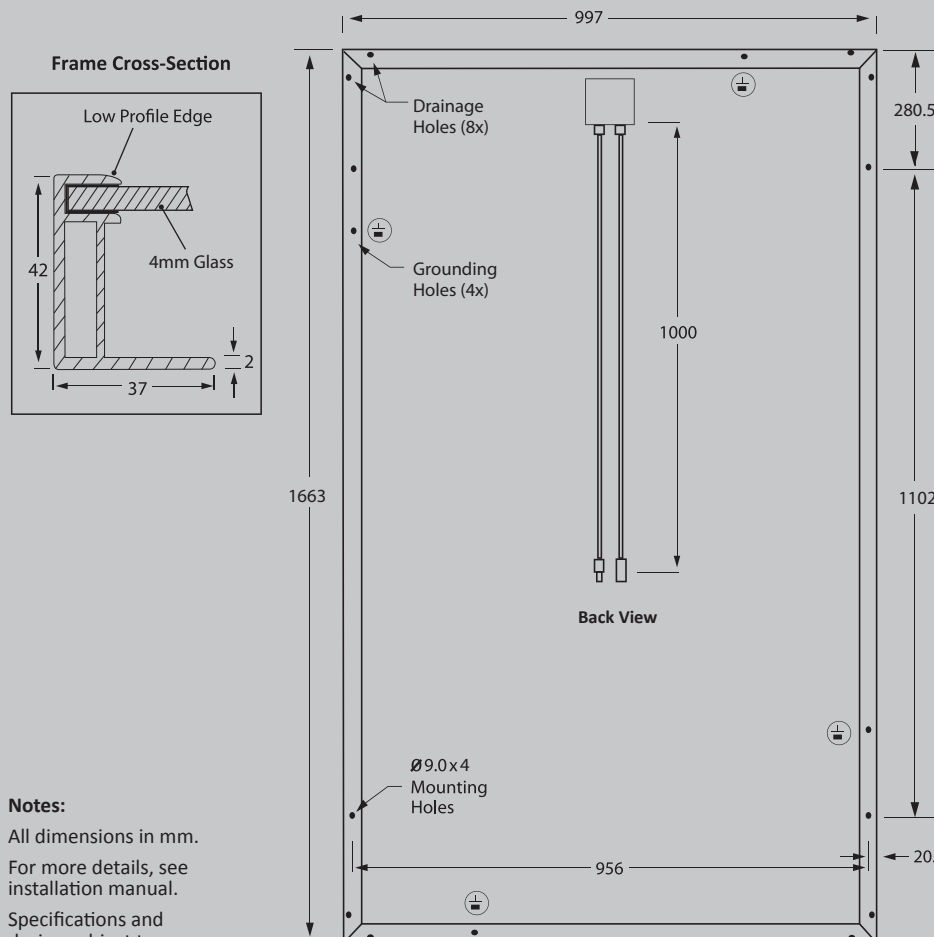
\*Note: Power specification under standard test conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM = 1.5, and module temp of 25°C

## Module Design

Cell Type	Mono-crystalline, 3 Bus Bar
Cell Configuration	60 (156 x 156mm)
Dimensions (LxWxH)	1663 x 997 x 42mm
Weight	22kg
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 <sup>2</sup> (12 AWG), 1000mm 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

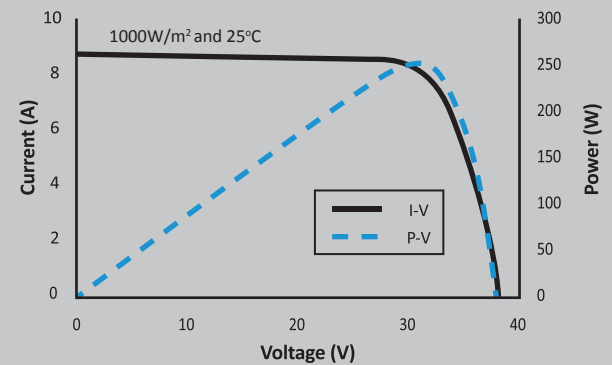
Note: All modules manufactured by Eclipsall will undergo flash testing and will be sorted accordingly  
\*Regular low iron tempered glass available upon request

## 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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