

HEAVY DUTY HYUNDAI



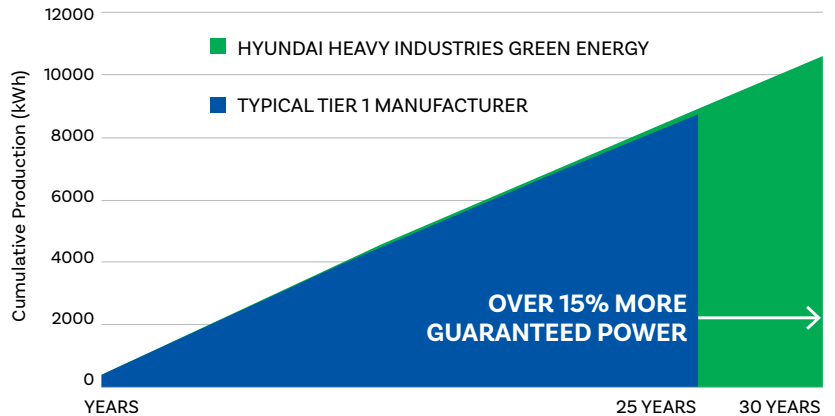
Mono Crystalline Module
300W 60 CELLS



30 YEAR
PERFORMANCE WARRANTY

Built tough for Australia, Hyundai Solar commercial grade panels have been installed in our country's harshest conditions since 2009. Hyundai are a trusted household brand that build quality solar panels that last!

Performance Warranty Comparison 300W Panels



HYUNDAI RETAIL NETWORK

Hyundai Solar Australia deal exclusively with carefully selected installers network.



#75 FORBES
WORLDS MOST VALUABLE BRANDS

Hyundai is the only Forbes top 100 brand that sell solar panels in Australia

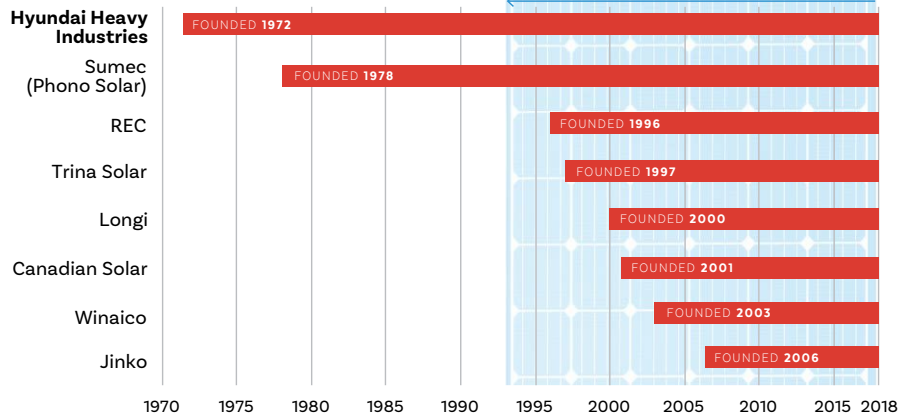


REAL WARRANTY

If you have positive or negative feedback on one of our retailers/ installers please contact sales@hyundaisolar.com.au

HYUNDAI PERFORMANCE WARRANTY - 30 YEARS

STANDARD PERFORMANCE WARRANTY - 25 YEARS



■ PV panel performance warranty ■ Company lifespan

*This graph is current as at date of publishing & warranties refer to manufacturer's most commonly sold panel product.



30 YEAR
PERFORMANCE WARRANTY

ELECTRICAL CHARACTERISTICS*

MODEL		HiA-S300RG	
Power Tolerance -0% / +3%	Nominal Output (Pmpp)	W	300
	Open Circuit Voltage (Voc)	V	39.72
	Short Circuit Current (Isc)	A	9.74
	Voltage at Pmax (Vmpp)	V	32.37
	Current at Pmax (Impp)	A	9.27
	Module Efficiency	%	18.44
	Cell Type	-	6" mono PERC
	Maximum System Voltage	V	1,000
	Maximum Reverse Current	A	20

*All data at STC (Standard Test Conditions). Above data may be changed without prior notice.

MECHANICAL CHARACTERISTICS

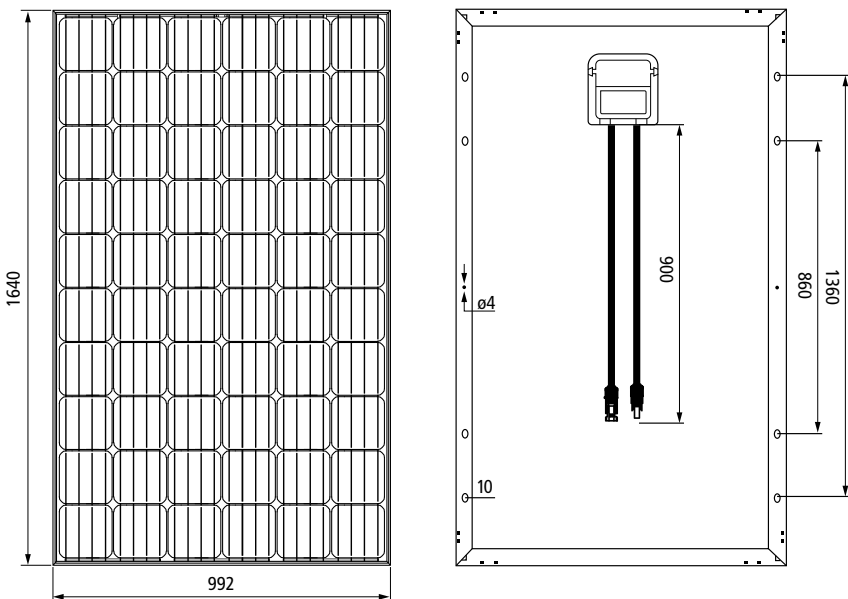
Dimensions	992mm (W) × 1640mm (L) × 35mm (H) Weight: 18.2kg
Solar Cells	60 cells in series (6 × 10 matrix)
Output Cables	4mm ² cables with MC4 weatherproof connectors, IEC Certified, length 900mm
Junction Box	IP68
Bypass Diodes	3 bypass diodes to prevent power decrease by partial shade
Construction Front	Anti-reflection coated glass, 3.2mm
Encapsulant	EVA Back Sheet: Weatherproof film
Frame	Black anodised aluminium alloy type AL6063-T5
Application Class	Class A / Class II

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature	45°C ± 2
Operating Temperature	-40 – 85°C
Temperature Coefficient of Pmax	-0.41%/°C
Temperature Coefficient of Voc	-0.33%/°C
Temperature Coefficient of Isc	+0.058%/°C

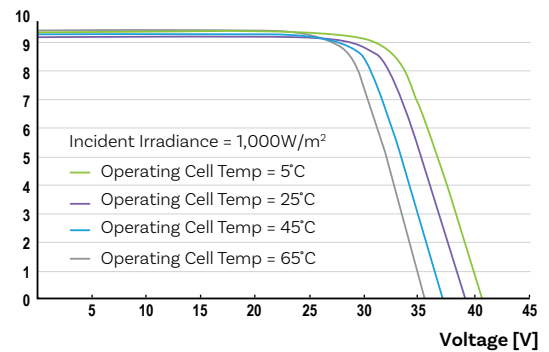
MODULE DIAGRAM (unit:mm)

Mono-Crystalline RG Type - Front/Back View

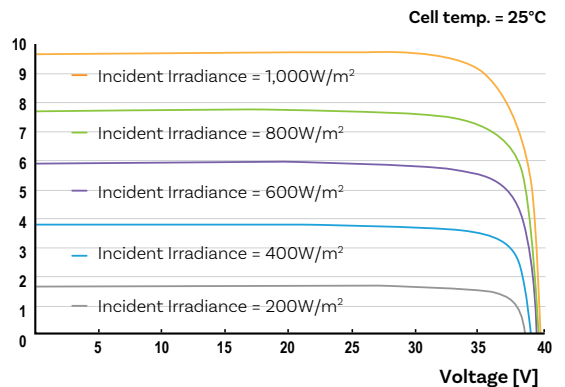


I-V CURVES

Current [A]



Current [A]



- IEC 61215-2 (ed.1) and IEC 61730-2 (ed.2) by TUV
- Advanced Mechanical Test: Positive 3600Pa (safety factor 1.5) / Negative 2400Pa (safety factor 1.5)
- 12 Year Product Warranty, 30 Linear Performance Warranty

CONTACT

Australian Importer and Manufacturer

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www.hyundaisolar.com.au



Solar cells and panels made in South Korea, Vietnam or China.