



MATRIX

AUSTRALIAN SOLAR

TN250P-60

KEY FEATURES



CONVERSION

HIGH EFFICIENCY

High module conversion efficiency (up to 15.4%), through innovative manufacturing technology.



LOW LIGHT

LOW-LIGHT PERFORMANCE

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



2400 Pa
5400 Pa

SEVERE WEATHER RESILIENCE

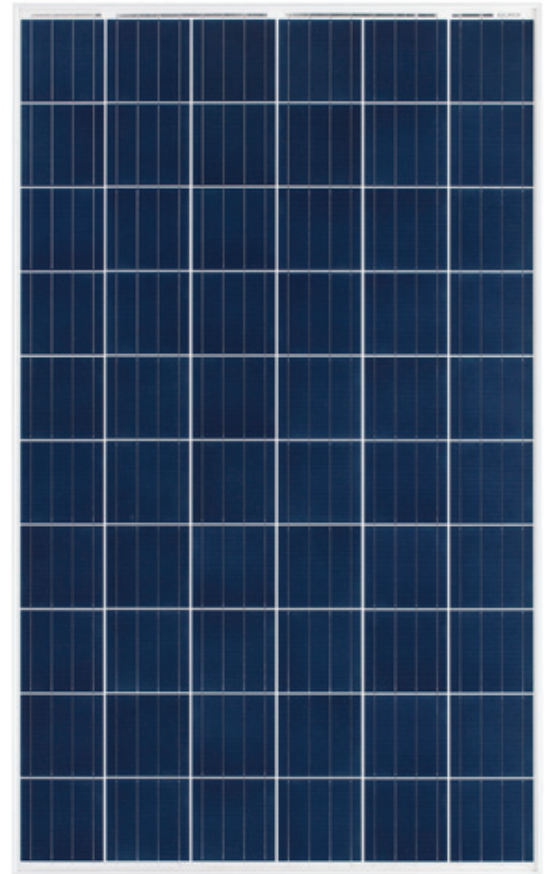
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



RESISTANT

DURABILITY AGAINST EXTREME ENVIRONMENTAL CONDITIONS

High salt mist and ammonia resistance certified by TUV.



GUARANTEED PERFORMANCE



30 YEARS PERFORMANCE GUARANTEE

Of minimum 80% nominal power output



12 YEARS PRODUCT GUARANTEE

High quality workmanship according to Australian production standards



APPROVED PRODUCT



30 YEARS

PERFORMANCE GUARANTEE

12 YEAR

PRODUCT WARRANTY

250 W

POWER TOLERANCE



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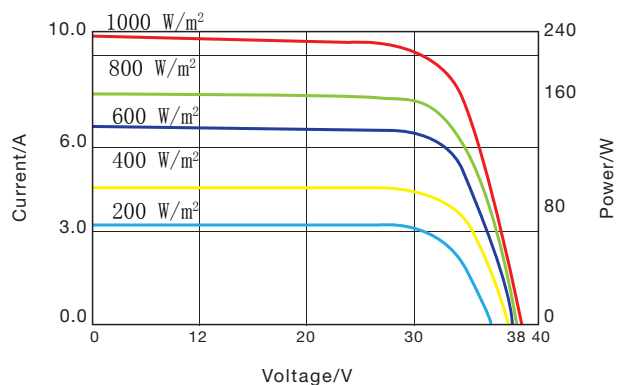
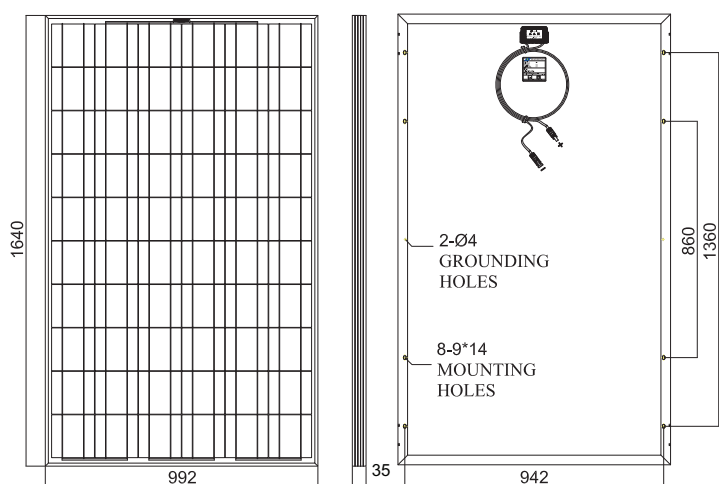
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ELECTRICAL PERFORMANCE

Model	TN250P-60
Maximum Power (Pmax)	250W
Voltage at max. power (Vmp)	30.4V
Current at max. power (Imp)	8.24A
Open Circuit Voltage (Voc)	37.9V
Short Circuit Current (Isc)	8.65A
Tolerance	+5%
Solar Cells	Polycrystalline 156*156mm
No. of Cells	60cells(6*10)
Module Dimension	1640*992*35mm
Weight	18KG
Glass	High Transparency Solar Glass 4.0mm
Frame	Anodized Aluminium Alloy
J-Box	IP 65 rated
Cables/Connector	Photovoltaic Technology Cable 4.0mm
Operational Temperature	-40~+85°C
Max System Voltage	600V(uL)/1000V(IEC)DC
Max Series Fuse Rating	20A
Normal Operating Cell Temperature	45°C (±3°C)
Temperature Coefficient of P MMP	-0.45%/°C
Temperature Coefficient of V OC	-0.35%/°C
Temperature Coefficient of I SC	-0.05%/°C

STC: Irradiance 1000W/m² Module Temperature 25°C AM=1.5

DIMENSIONS



Efficiency	up to 15.4%
Wattage	up to 250W



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