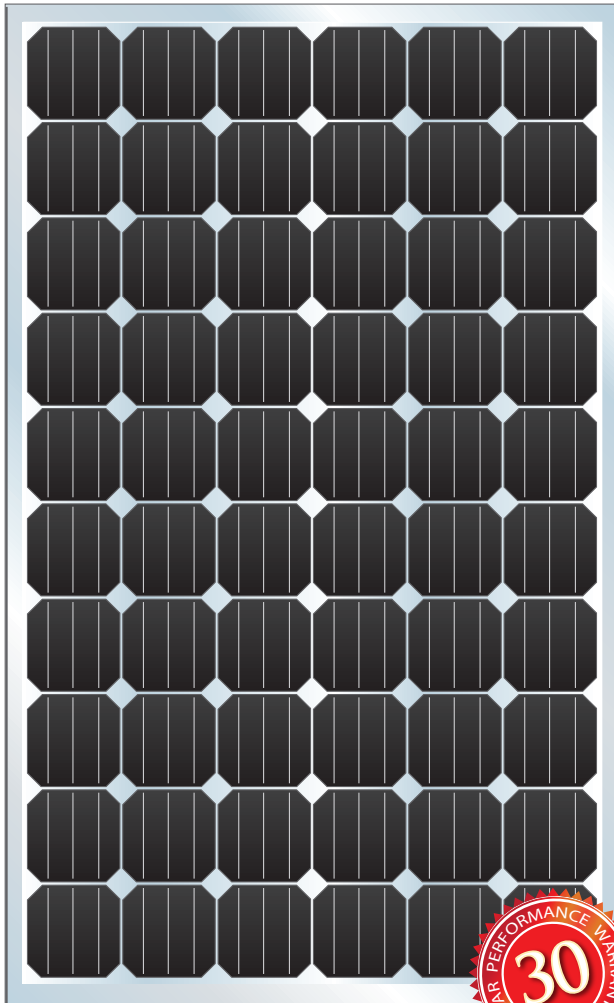


APSM6 -230/60
APSM6 -235/60

APSM6 -250/60
APSM6 -260/60



MONOCRYSTALLINE SILICON PHOTOVOLTAIC MODULES



Australian Brand

Manufactured in accordance with APS's high standards of design and Quality Control



Positive tolerance

Positive tolerance of up to 5% or up to 13W delivers higher output reliably for our all modules.



High Model Output

Highest conversion efficiency



Excellent module efficiency

Solar cell efficiency up to 18.3%
Module efficiency up to 15.6%



High performance

Higher PV energy yields even under low light and cloudy conditions



Reliability

Premium quality raw material and advanced manufacturing processes guarantees the reliability of our modules



EL Tested (ELECTROLUMINESCENCE)

Fully conforms to certification and regulatory standards

About APS

Australian Premium Solar (APS) is 100% Australian owned, managed and operated. APS supplies imported high quality renewable energy products. Our solar panels are manufactured in accordance with APS's high standards of design and Quality Control to ensure higher PV energy yields.

APS opened an advanced facility in Queensland, Australia for research and development and local testing of solar panels. The 2000 square meter facility is staffed by qualified engineers who are dedicated to exploring ways to achieve the continuous improvement of our solar cells and solar modules.

- 12 Year Product Warranty
- 30 year performance warranty for up to 80.6% power output
- 12 year performance warranty for up to 91.2% power output



ELECTRICAL TYPICAL VALUES

Model	Rated Power (Pmax)	Tolerance	Rated current (Imp)	Rated Voltage (Vmp)	Short Circuit Current (Isc)	Open circuit voltage (Voc)	Module Efficiency(%)
APSM6-230 / 60	230W	0 ~ +5%	7.78A	29.6V	8.46A	36.70V	14.14
APSM6-235 / 60	235W	0 ~ +5%	7.84A	30.0V	8.51A	36.91V	14.60
APSM6-250 / 60	250W	0 ~ +5%	8.24A	30.4V	8.97A	37.30V	15.40
APSM6-260 / 60	260W	0 ~ +5%	8.46A	30.8V	8.94A	37.20V	16.00

TEMPERATURE CHARACTERISTICS

NOCT (Nominal Operation Temperature): 45°±2°C

Temperature Coefficient : -0.35% / °C

Current Temperature Coefficient : +0.05% / °C

Power Temperature Coefficient : -0.48% / °C

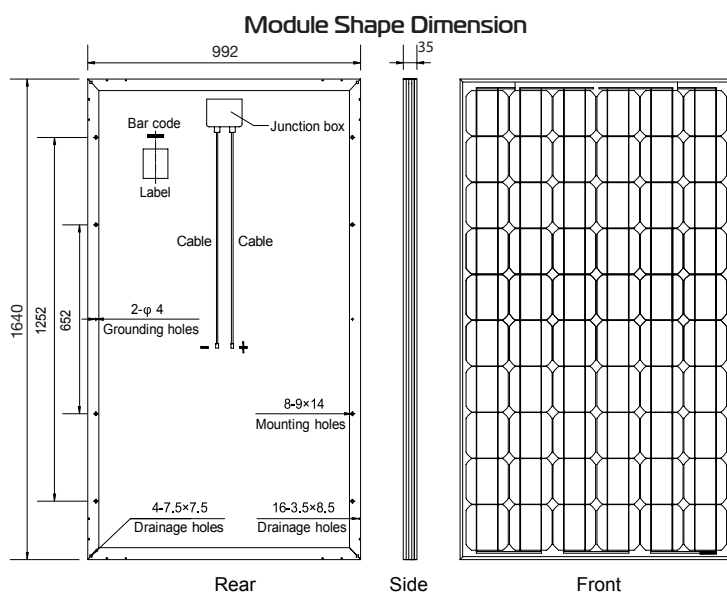
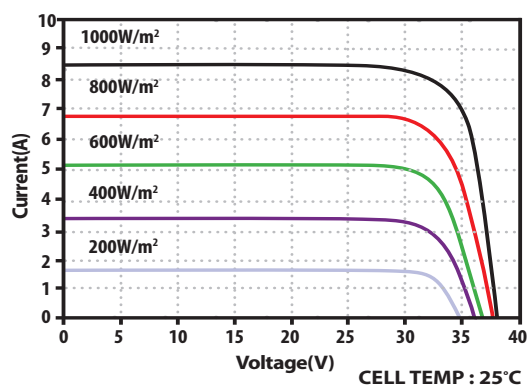
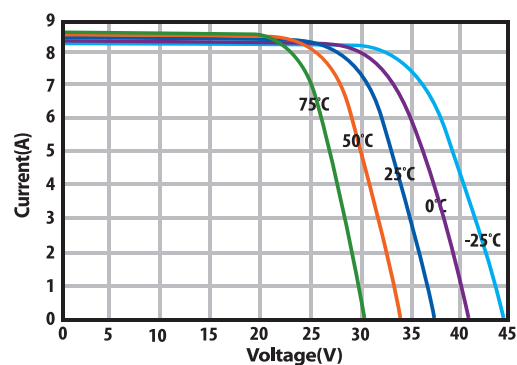
ABSOLUTE MAXIMUM RATING

Parameter	Values
Operating temperature	From -40° to +85°
Typical Application	24 V DC
Hail Diameter @ 80km/h	Up to 25mm
Maximum Series Fuse Rating	15
IEC Application Class (IEC 61215)	A
Fire Rating (UL 1703)	C
Maximum System Voltage	1000 V DC (IEC 61215)
	600 V (UL 1703)

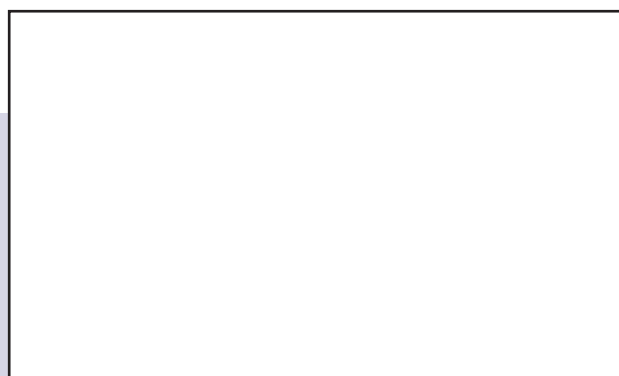
MECHANICAL CHARACTERISTICS

Solar Cells	Mono crystal Si 156 mm × 156 mm (6.14in. x 6.14in.) No:- 60 cells (6 x 10)
Dimension	Length: 1640mm, Width: 992 mm, Thickness: 35mm
Front Glass	3.2 mm High transparency solar glass
Frame	Anodized aluminium alloy
Cable	0.9m wire (ø 4 mm ²)
Junction Box	IP 65 Rated
Connectors	MC4 Connectors
Weight	17.4kg

I-V graph (APS-M6-250 / 60)



Dealer Information



"All units are made in China"



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