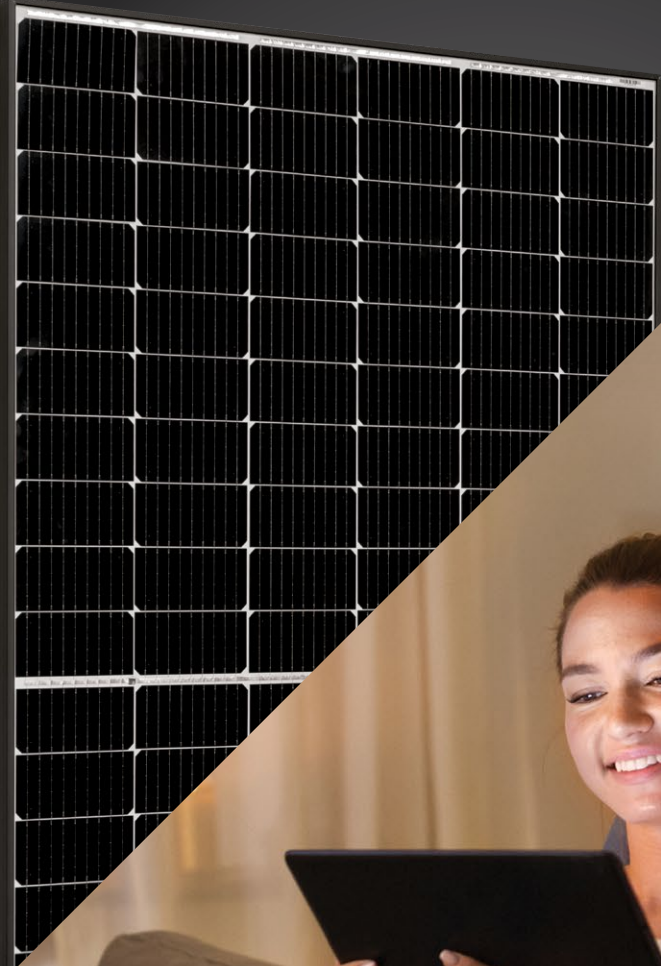


MAX POWER SOLAR

MPS-390N SOLAR MODULE
The Panel Without Equal



“Look how much
Max Power Solar
Panels are saving
us on our bills”



Solar meets
sophistication



SCAN ME!

The Australian Solar Brand
For Tough Australian Conditions

maxpowersolar.com.au

The Panel Without Equal

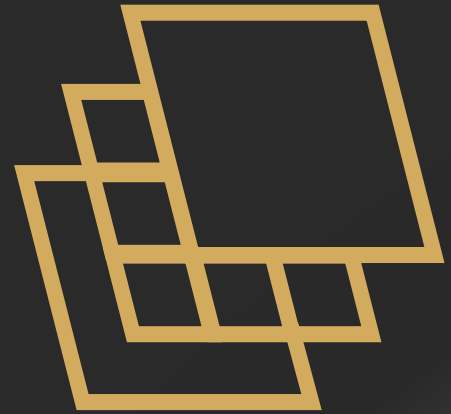
The MPS-390N solar module is a high-tech, high-quality product produced by Max Power Solar, which is part of a well-established Australian business with over 13-years experience in the solar industry.

The powerful panel is built extra tough to thrive in harsh Aussie conditions. It features strengthened glass sheets on the front and back for extra strength and higher efficiency. Most panels only have a plastic back sheet which can fail in our hot summers.

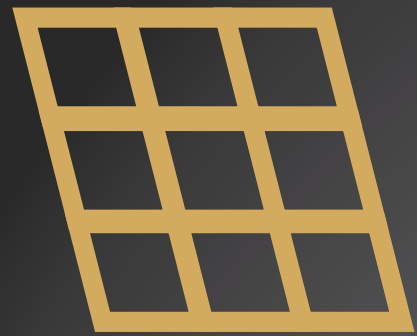
In low light conditions the superior N-Type cells in the module out produce the standard P-Type cells in other panels. This panel delivers increased power and more savings to you every day and is backed with industry best Australian warranties.

The stylish black frames combine with the dark cells, making the panel aesthetically pleasing and it is expertly crafted to complement contemporary Australian home design.

The panels are manufactured in a state-of-the-art facility using quality assured processes. Your Max Power Solar panels will serve you seamlessly and dependably for their full warranted performance period and beyond.



Dual Glass for Increased Strength & Higher Efficiency



N-type Cells & Bifacial Technology for Outstanding Low Light Performance



25 Year Australian Product Warranty



30 Year Australian Performance Warranty



Australian Owned



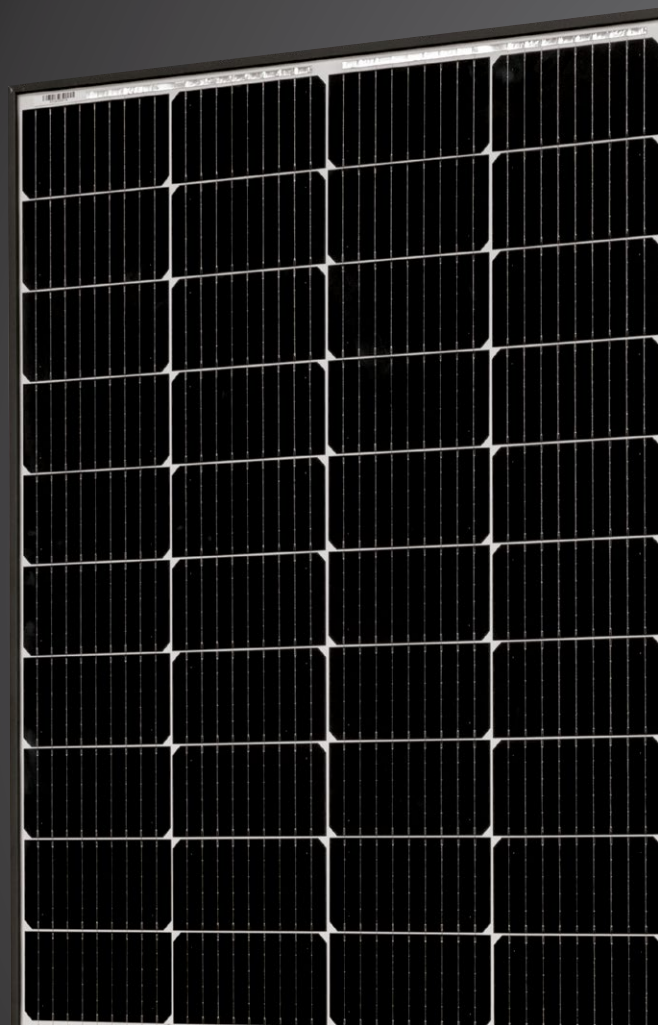
390W output & Impressive 21.35% Efficiency



Powered by Quality Assured System



Powered by Tier 1 Facility

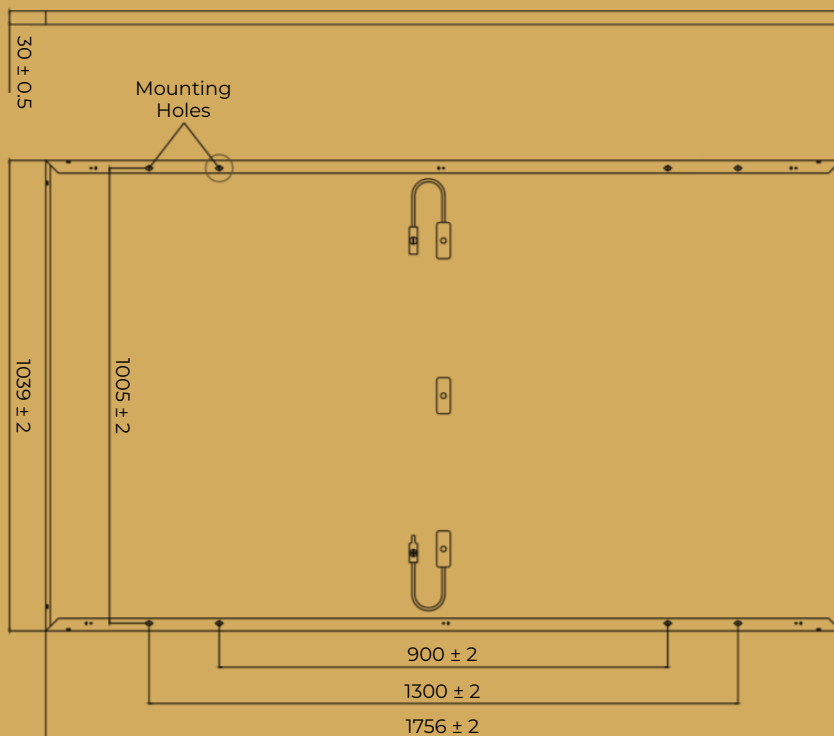
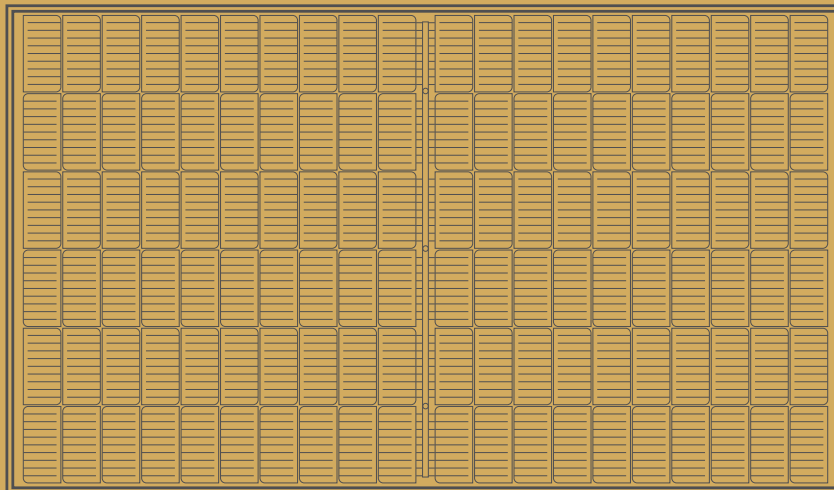


KEY FEATURES

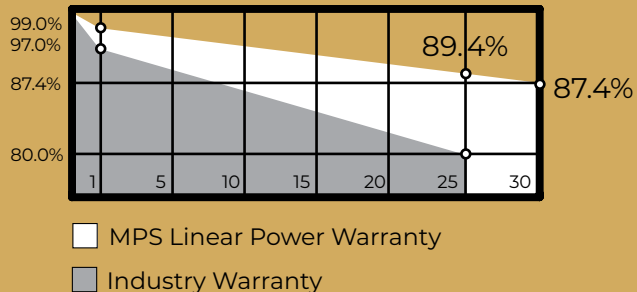
- Powerful 390W panel with N-Type cells and bifacial technology
- Can produce about 20% more power compared to standard panels
- Double glass front and back instead of typical plastic back sheet
- Designed to last over 30 years with minimum power degradation
- Impressive 21.35% module efficiency with small footprint
- Aussie owned with industry best local warranties

DIMENSIONS

MPS-390N



30 YEAR LINEAR PERFORMANCE WARRANTY



SPECIFICATIONS

Electrical Characteristics (STC)

Model	MPS-390N	
Maximum Power (Pmax) W	390	
Maximum power voltage (Vmpp) V	35.3	
Maximum power current (Impp) A	11.05	
Open circuit voltage (Voc) +/-5% V	42.2	
Short circuit current (Isc) +/-5% A	11.69	
Max system voltage V	1500	
Max series fuse rating (A)	25	
Module efficiency	21.35%	
Power tolerance	0~ +5W	

STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5, Tolerance ±3%.

Temperature Coefficient

Pmax	-0.310 %/°C
VOC	-0.260 %/°C
ISC	+0.046 %/°C
Operating temperature	-40 - +85°C
Nominal Operating Cell temperature (NOCT)	42+ -2°C
Temperature Coefficient of Pmax	±0.03%/C

Electrical Characteristics (NOCT)

Maximum Power (Pmax) W	296
Maximum power voltage (Vmpp)	33.2
Maximum power current (Impp) A	8.91
Open circuit voltage (Voc)	40.3
Short circuit current (Isc) A	9.43

NOCT: Irradiance 800W/m² - wind 1m/s - Temperature 20°C

Components Specifications

Fire Class	A
Solar Cell	Mono, N-type, Bifacial
Number of cells	120
Cell Size mm	166X83
Frame	Anodized aluminium
Junction box	IP68
Glass mm	2+2=4
Cable & connectors	1.2M X4mm / MC4 Genuine

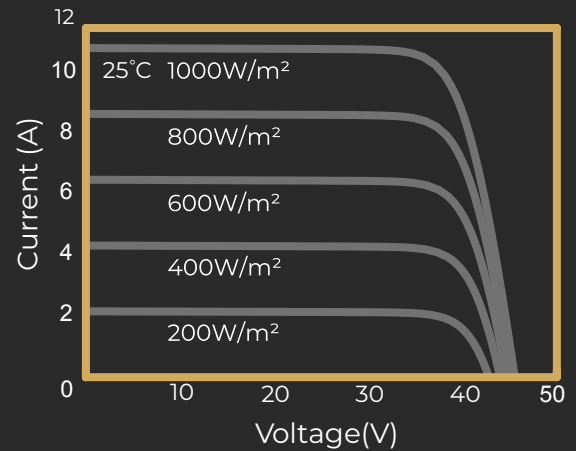
Mechanical Data

Panel dimensions (mm)	1756 X 1039 X 30
Panel weight (Kg)	23
Panels per pallet	36

Warranty

Product	25 Year
Performance	30 Year

Current – Voltage characteristics at various irradiance levels



Compliance with C E standards



Specifications subject to changes without notice.

Max Power Solar reserves the right of final interpretation.

Made in China, controlled by quality assured system in a Tier 1 facility.

Produced by Oz Power Products Pty Ltd t/a Max Power Solar ABN 35 641 561 686
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