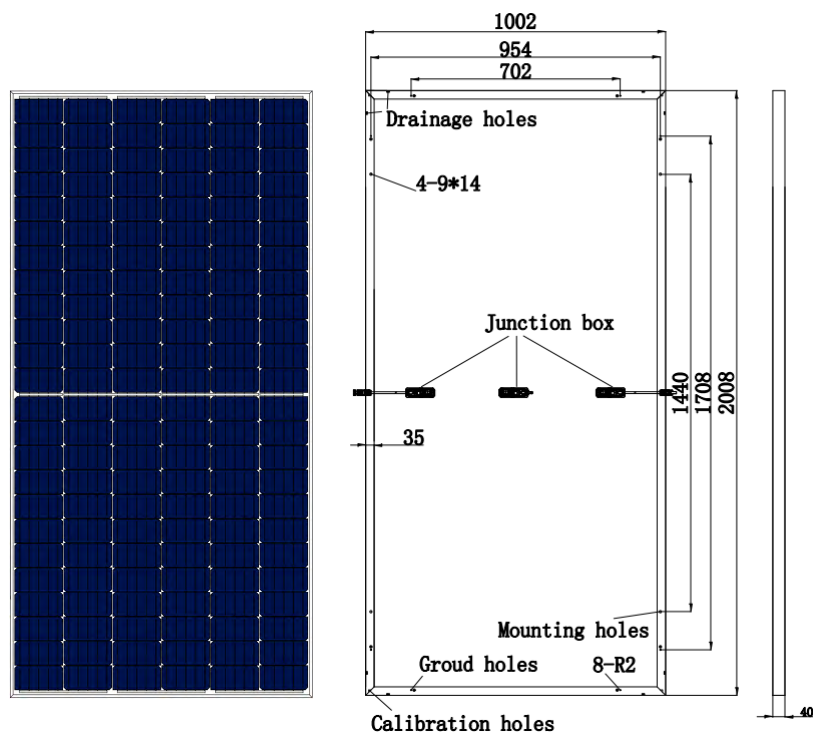




Mechanical Characteristics

Number of cells (pcs)	144
Size of cell (mm)	158.75*79.375
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68 (1m, 1h)
Size of module (mm)	2008*1002*40/ 2008*1000*40
Weight (kg)	23 / 21.5
Cables/connectors	H1Z2Z2-K 4mm ² , TL-Cable01S/ Staubli MC4

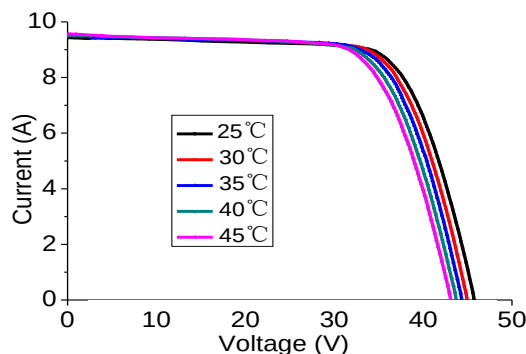
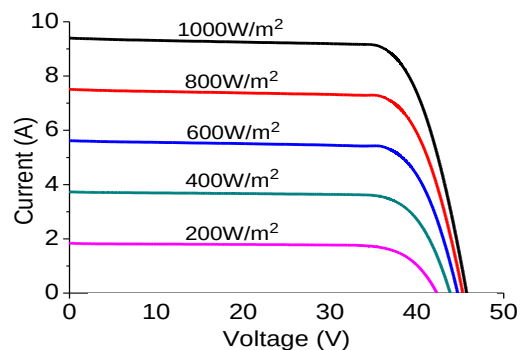
Maximum Ratings

Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

Packing Configuration

Pieces per pallet	26
Size of packing (mm)	2042*1120*1150
Weight of packing (kg)	648
Pieces per container	572
Size of container	40' HC

I-V Curves



Electrical Characteristics

STC				MPS-400 M72	
Pmax (W)				400	
Vmp (V)				40.09	
Imp (A)				9.98	
Voc (V)				49.24	
Isc (A)				10.42	
Module efficiency (%)				19.88	
Maximum system voltage (V)			1000		
Fuse Rating Current (A)			20		
Tolerance (%)			Pmax: ±3% Binning: ±5W、Voc: ±5%、Isc: ±5%		
Temperature coefficient	Pmax (%/°C)			-0.390	
	Isc (%/°C)			0.039	
	Voc (%/°C)			-0.295	

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5 Fire Class C

NOCT				MPS-400 M72	
Pmax (W)				296	
Vmp (V)				36.82	
Imp (A)				8.04	
Voc (V)				45.23	
Isc (A)				8.40	
Power tolerance			Pmax: ±3% Binning: ±5W		

NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

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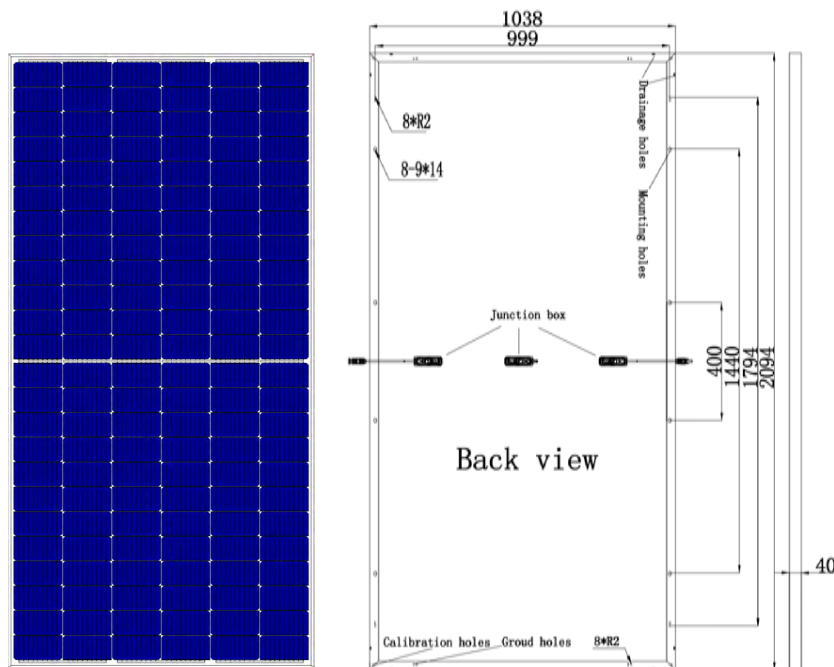
11 Progress Circuit Prestons NSW 2170

02 96072440 - inf@maxpower solar

ABN 35 641 561 686

Made in China





Electrical Characteristics

STC	MP-S450 M72				
Pmax (W)	450				
Vmp (V)	41.56				
Imp (A)	10.83				
Voc (V)	49.87				
Isc (A)	11.30				
Module efficiency (%)	20.70				
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	20				
Tolerance (%)	Pmax: ±3% Binning: ±5W、Voc: ±5%、Isc: ±5%				
Temperature coefficient	Pmax (%/°C)	-0.390			
	Isc (%/°C)	0.039			
	Voc (%/°C)	-0.295			

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5 Fire Class C

NOCT	MPS-450 M72				
Pmax (W)	334				
Vmp (V)	38.57				
Imp (A)	8.66				
Voc (V)	46.89				
Isc (A)	9.16				
Power tolerance	Pmax: ±3% Binning: ±5W				

NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

Mechanical Characteristics

Number of cells (pcs)	144
Size of cell (mm)	166*83
Type of cell	Mono
Size of module (mm)	2094*1038*40
Weight (kg)	23
Junction box	IP68 (1m, 1h)
Cables/connectors	H1Z2Z2-K 4mm ² 01C1/ TL-Cable01S/ Staubli MC4

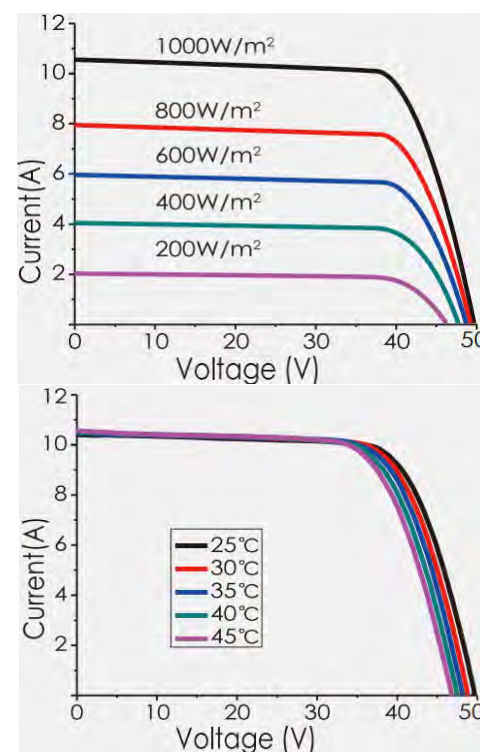
Maximum Ratings

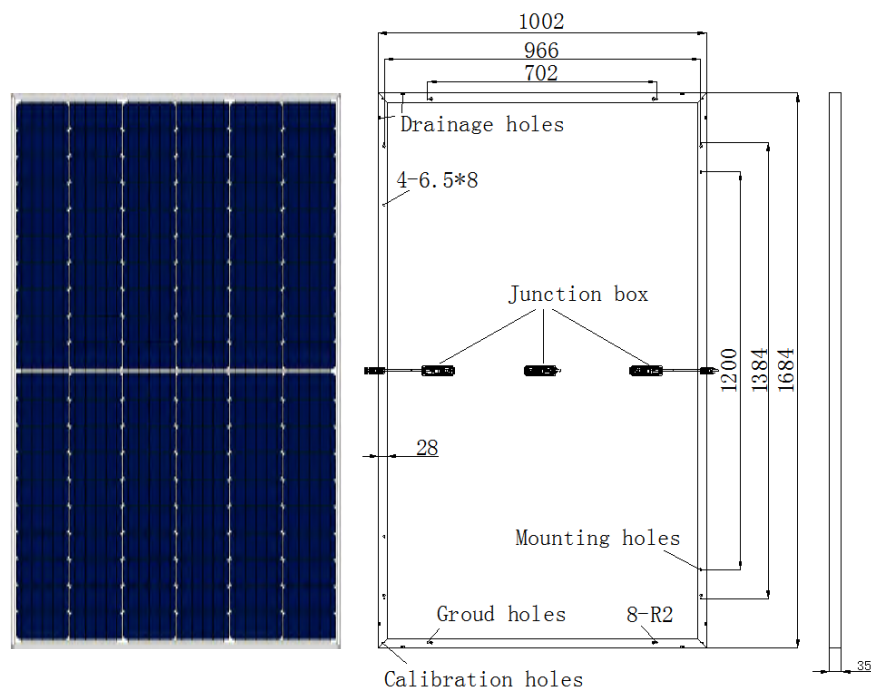
Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

Packing Configuration

Pieces per pallet	27
Size of packing (mm)	2130*1140*1190
Weight of packing (kg)	679
Pieces per container	594
Size of container	40' HC

I-V Curves





Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	158.75*79.375
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68 (1m, 1h)
Size of module (mm)	1684*1002*35/ 1684*1000*35
Weight (kg)	19.2 / 18.2
Cables/connectors	H1Z2Z2-K 4mm ² , TL-Cable01S / Staubli MC4

Maximum Ratings

Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1720*1120*1150
Weight of packing (kg)	622
Pieces per container	780
Size of container	40' HC

Electrical Characteristics

STC				MPS-330 M60	MPS-330 M60B
Pmax (W)				330	330
Vmp (V)				33.41	33.41
Imp (A)				9.88	9.88
Voc (V)				40.94	40.94
Isc (A)				10.35	10.35
Module efficiency (%)				19.55	19.55
Maximum system voltage (V)			1000		
Fuse Rating Current (A)			20		
Tolerance (%)			Pmax: ±3% Binning; ±5W、Voc: ±5%、Isc: ±5%		
Temperature coefficient	Pmax (%/°C)		-0.390		
	Isc (%/°C)		0.039		
	Voc (%/°C)		-0.295		

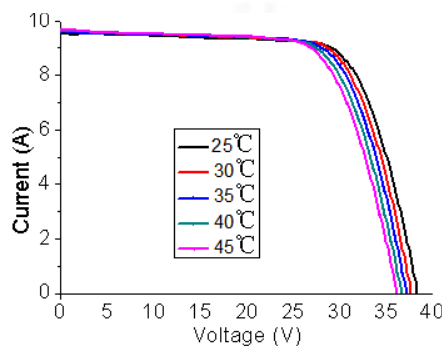
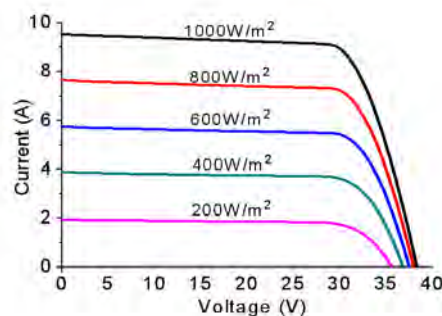
STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

Fire Class C

NOCT				MPS-330 M60	MPS-330 M60B
Pmax (W)				245	245
Vmp (V)				30.78	30.78
Imp (A)				7.96	7.96
Voc (V)				37.72	37.72
Isc (A)				8.34	8.34
Power tolerance			Pmax: ±3% Binning; ±5W		

NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

I-V Curves



Produced by Oz Power Products t/a MaxPower Solar

11 Progress Circuit Prestons NSW 2170

02 96072440 - inf@maxpower solar

ABN 35 641 561 686

Made in China



MODEL: MPS-370M60 & MPS-370M60B

SPECIFICATIONS

Electrical Characteristics (STC)

Model	MPS-370M60 & MPS-370M60B	
Maximum Power	(Pmax) W	370
Maximum power voltage	(Vmpp) V	34.42
Maximum power current	(Impp) A	10.75
Open circuit voltage	(Voc) +/-5% V	41.28
Short circuit current	(Isc) +/-5% A	11.24
Max system voltage V		1000
Max series fuse rating (A)		20
Module efficiency		20.31%
Power tolerance		+ - 3%

Temperature Coefficient

Pmax	-0.39 %/°C
VOC	-0.295 %/°C
ISC	+0.039 %/°C
Operating temperature	-40 - +85°C
Standard test conditions: Irradiance 1000W/m² - AM1.5 - Temperature 25°C	

Electrical Characteristics (NOCT)

Maximum Power	(Pmax) W	274
Maximum power voltage	(Vmpp)	31.64
Maximum power current	(Impp)	8.66
Open circuit voltage	(Voc) +/-5%	37.94
Short circuit current	(Isc) +/-5%	9.06
NOCT: Irradiance 800W/m² - wind 1m/s - Temperature 20°C		

Components Specifications

Solar Cell	PERC MONO
Number of cells	120
Cell Size mm	166X83
Frame	Anodized aluminium
Junction box	IP68
Glass mm	3.2
Cable & connectors	1M X4mm / MC4 Genuine

Mechanical Data

Panel dimensions (mm)	1755 X1038 X35
Panel weight (Kg)	19.2
Panels per pallet	30
Fire Class	C

Warranty

Product	15 Year
Performance	25 Year



Compliance with
C E standards



Compliance with
VDE standards



Manufactured under
quality assurance facility



Powered by Teir 1
Manufacturers



Solar meets
sophistication

maxpowersolar.com.au

Specifications subject to technical changes and tests.
MaxPower Solar reserve the right of final interpretation.
Made in China - Produced by Oz Power Products Pty Lyd t/a
MaxPower Solar ABN 35 641 561 686
11 Progress Circuit Prestons NSW 2170 PH – 02 9607 2440
MPS is not Tier 1 listed, MPS panels are manufactured in a
Bloomberg Tier 1 listed facility brand.

Ph: 02 9607 2440



Maxpower Solar module is a premium product, produced by an Australian company with its management having over 12 years' experience in the Solar industry in Australia.

Featuring cutting edge technology in Mono PERC & half cut cells, this new generation of solar panels can deliver massive 370 watts with its impressive efficiency.

The Maxpower solar comes with stylish black frames and dark cells which makes it aesthetically pleasing & expertly crafted to complement contemporary Australian home design.

This quality product is manufactured in a state-of-the-art Tier 1 facility using the highest quality assurance processes, ensuring your solar system will serve you seamlessly and dependably for many years to come.



15 Year Australian Product Warranty



25 Year Australian Performance Warranty



Australian Owned



Produced in Tier 1 Facility

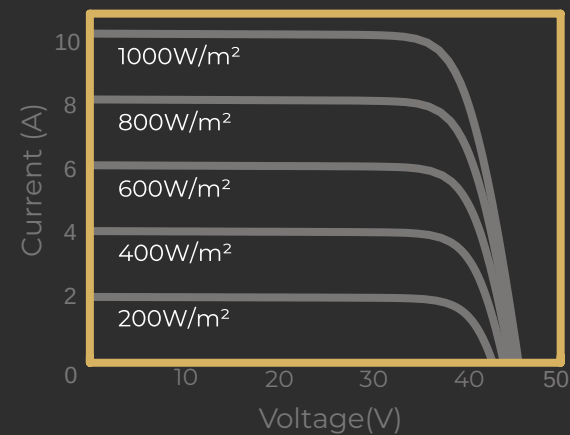


Latest Solar Technology

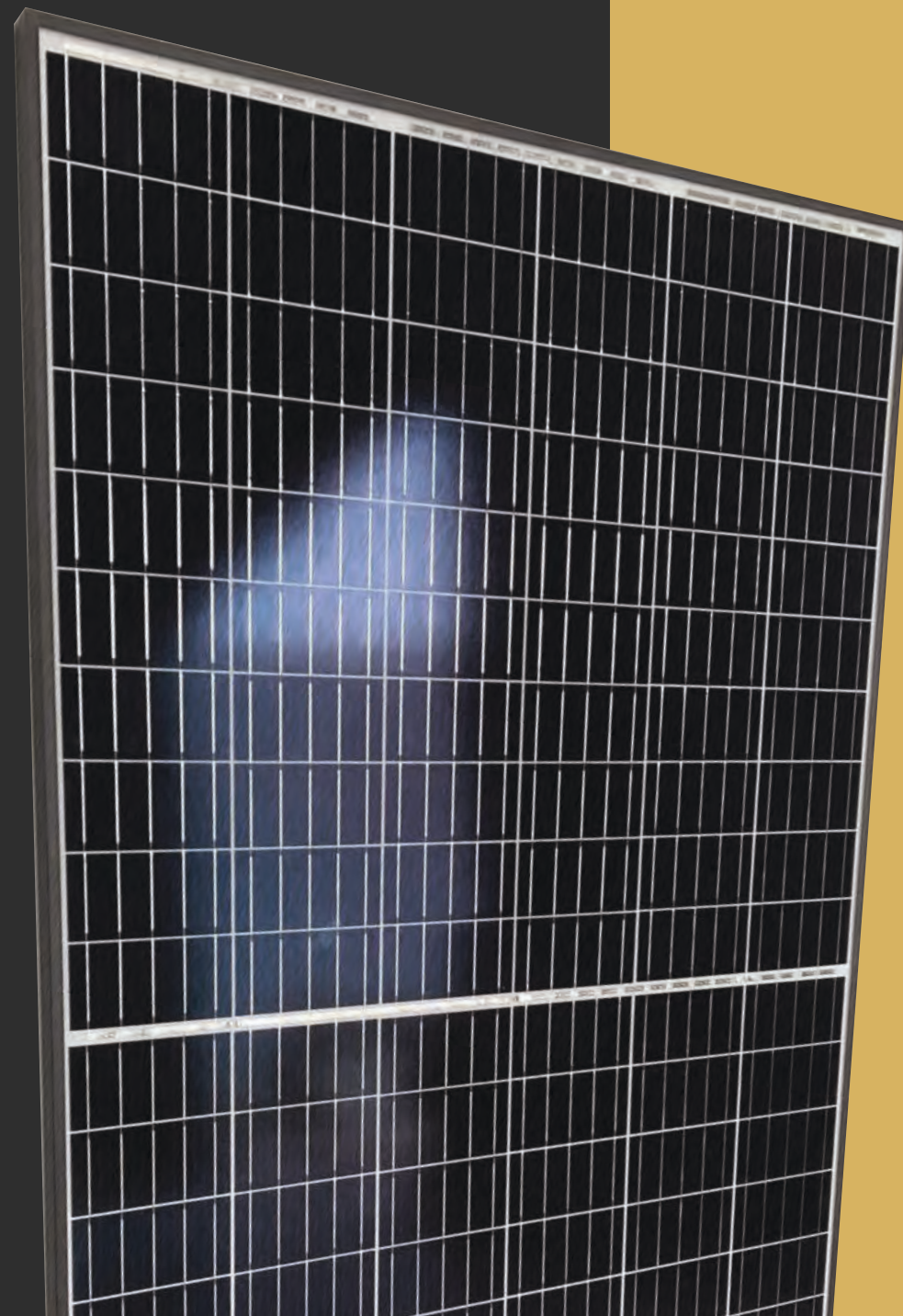


Massive 370W Output

Current - Voltage Curve



Current – Voltage characteristics at various irradiance levels

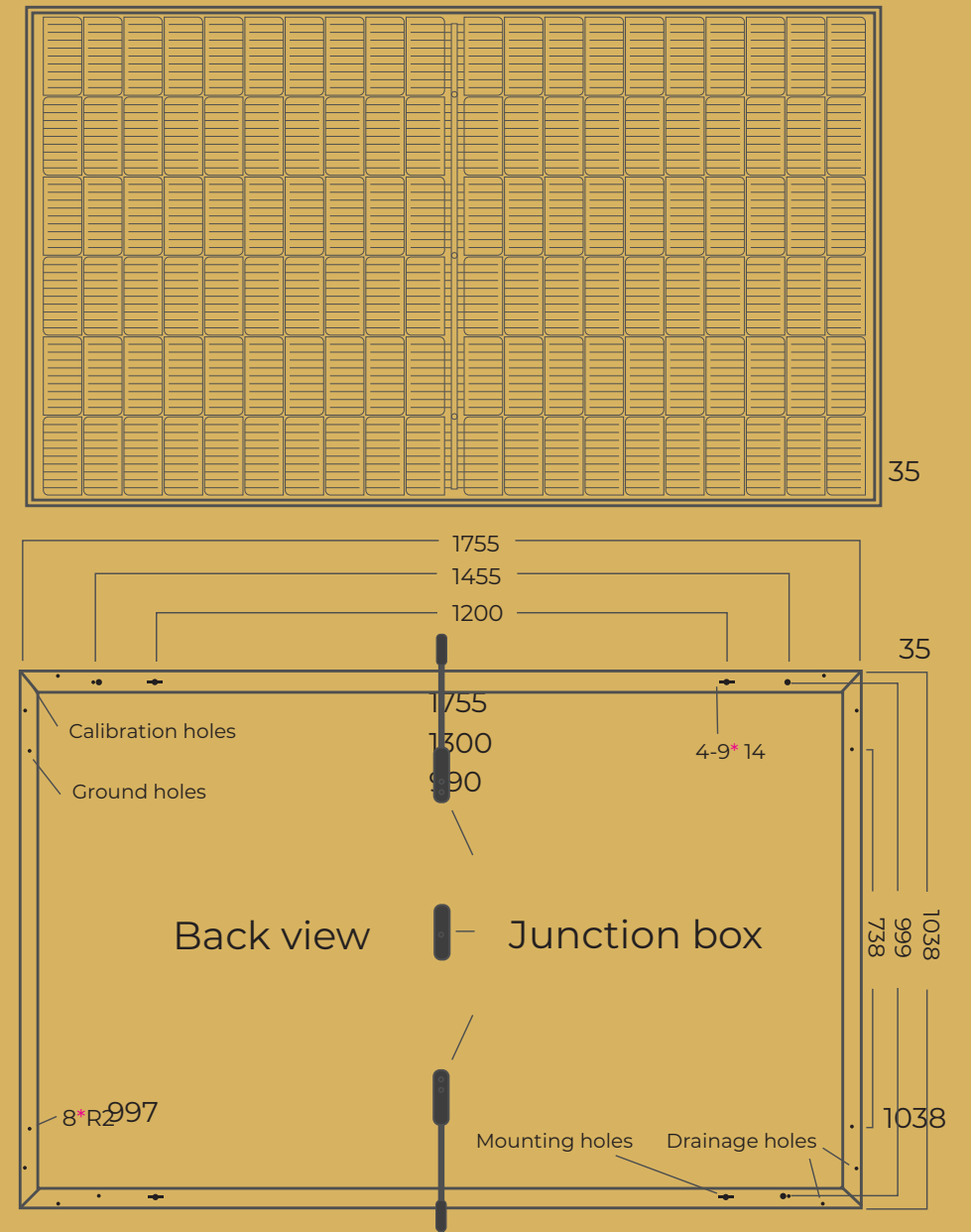


KEY FEATURES

- . High Efficiency MON PERC Cells
- . Half Cell Configuration
- . High 370W Power Output
- . Superior Temperature Dependant Performance
- . High Energy Yield
- . Over 20% Module Efficiency
- . Lower Risk Of Shading
- . Quality Assurance Processes ISO9001, ISO14001 & QC080000

DIMENSIONS

MPS-370M60



**SUPERIOR
15 YEAR
PRODUCT
WARRANTY**

