

# KANGAROO SERIES



**True Source  
of Energy**

**MSE 365 - 380 WATT**  
(Bifacial Solar Module)



## Electrical Specifications

\* STC irradiance of 1000W/m<sup>2</sup> spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	Imp(A)	Vmp(V)	Isc(A)	Voc (V)	Efficiency
MS365M6-B60HSW	365	0/+3%	10.80	33.82	11.22	41.57	20.04%
MS370M6-B60HSW	370	0/+3%	10.91	33.95	11.32	41.72	20.31%
MS375M6-B60HSW	375	0/+3%	11.01	34.10	11.43	41.89	20.59%
MS380M6-B60HSW	380	0/+3%	11.11	34.24	11.52	42.06	20.86%

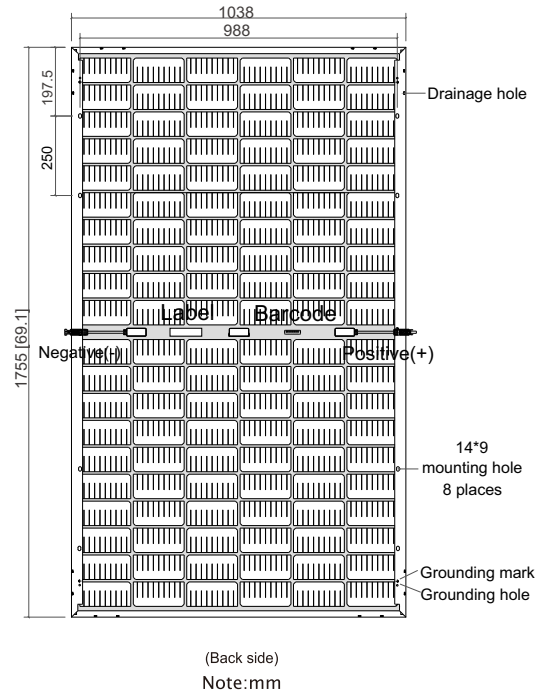
Bifaciality:70%±10%

## Bifacial Gain

		365W	370W	375W	380W
10%	Pm(STC)	401.5W	407W	412.5W	418W
20%	Pm(STC)	438W	444W	450W	456W
30%	Pm(STC)	474.5W	481W	487.5W	494W

## Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	120(6x20)
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV module classification	Class II
Junction Box Rating	IP68
Cables	4mm <sup>2</sup> /1100mm or Customized Length
Connector Type	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)
Fire Rating Class	Class C

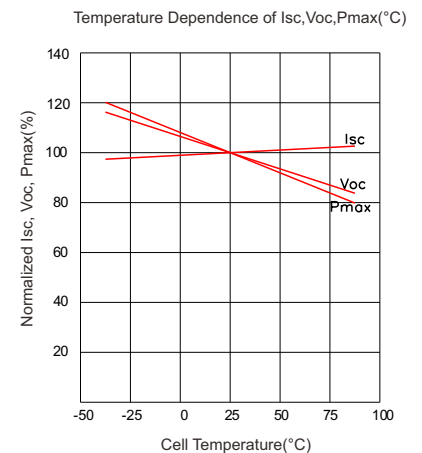
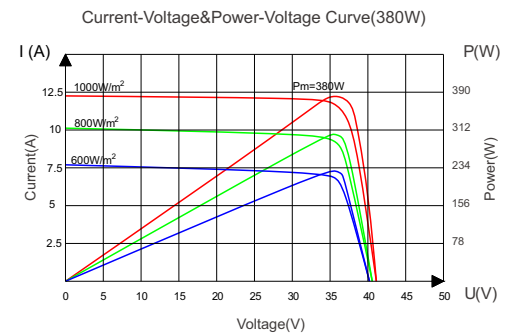


## Maximum Ratings

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	25A
Number of Diodes	3

## Packaging

Module Dimensions	1755x1038x35mm
Weight	24.0kg
Container	40' HQ
Pieces per Pallet	31
Pieces per Container	806





## Temperature Ratings

Nominal Operating CellTemp	45°C 2°C
Tempcoefficient of Pmax	-0.37%/°C
Tempcoefficient of Voc	-0.29%/°C
Tempcoefficient of Isc	0.05%/°C



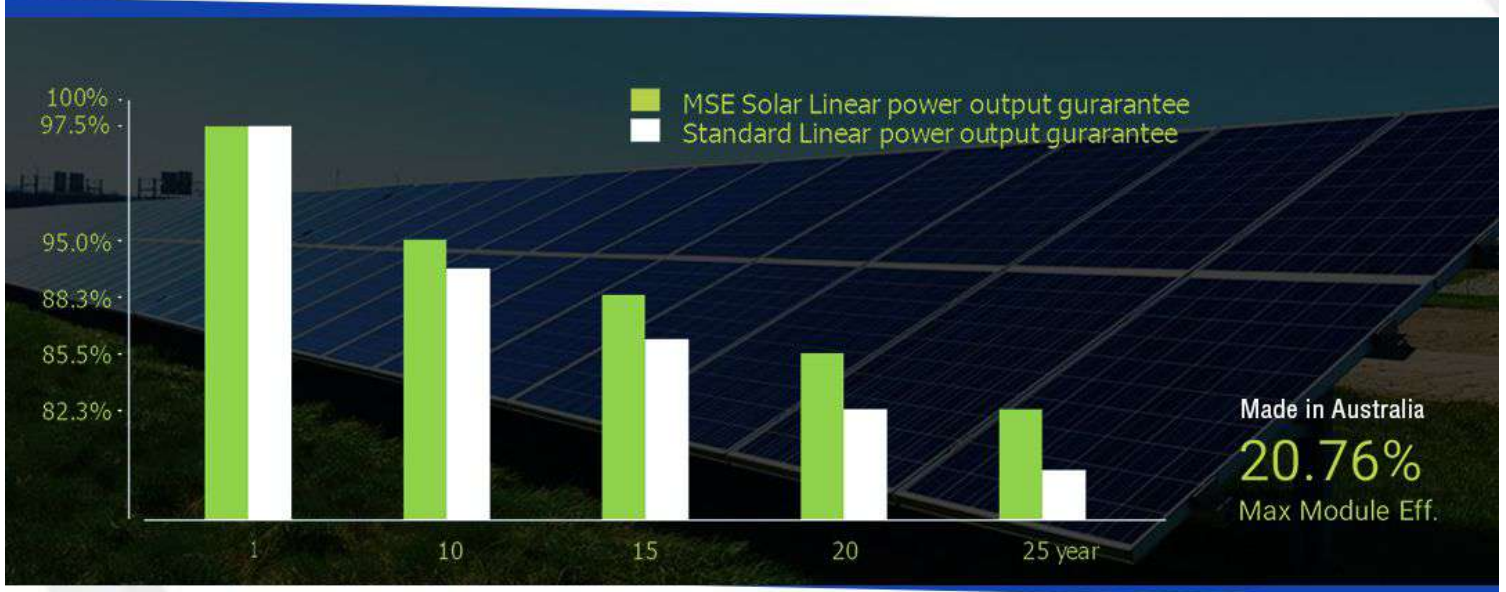
## Maximum Ratings

Operational Temp	-40 to +85°C
Max system Voltage	1500V DC (IEC)
Max Series Fuse Rating	20A
Mechanical Load	5400pa



## Performance Warranty

Max power degradation	0.5%/year
	97.5% at the end of first year
	95.0% at the end of 10th year
	85.5% at the end of 25th year



## Contact Us



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