



MAXIMUS

XXX NM2FBK SERIES



MASSIVE 475W POWER



HAIL & CORROSION RESISTANT



PREMIUM APPEARANCE



ADVANCED N-TYPE CELLS



DOUBLE GLASS



OUTSTANDING EFFICIENCY



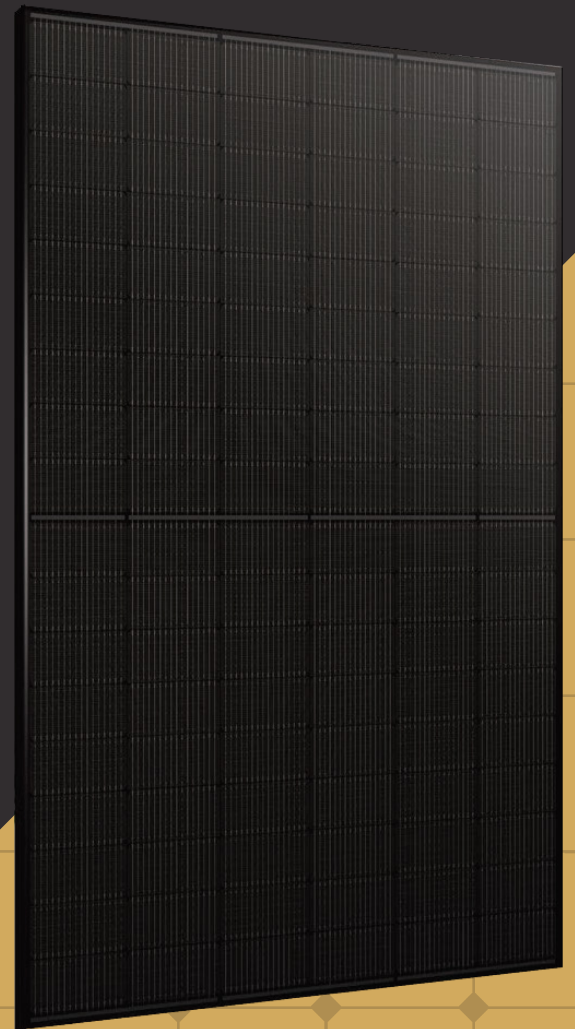
30-YEAR AUSTRALIAN WARRANTY



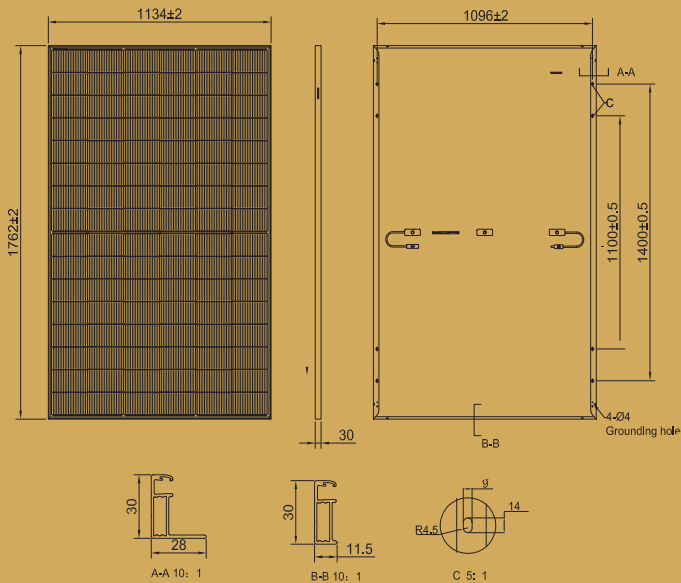
AUSTRALIAN OWNED



EXCEPTIONALLY AFFORDABLE



Drawing (Unit: mm)



Mechanical Parameters

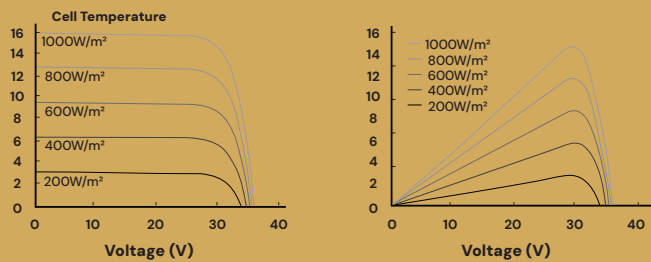
Cell Type	TNC
Cell Orientation	96[6×16]
Dimension	1762±2×1134±2×30mm
Weight	22.8 kg
Front Glass	2.0 mm AR coating semi tempered glass
Rear Glass	2.0 mm semi tempered glass
Frame	Anodized aluminum alloy black frame
Junction Box	IP68, 3 diodes
Cable	4.0 mm ²
Cable Length	+1200mm,-1200mm, length can be customized
Maximum Static Test Load	5400Pa (front / 2400Pa (rear)
Packaging (Per pallet)	36 pcs
Packaging	936 pcs per 40'HC
Connector	PV-KST4-EVO2/xy_UR, PV-KBT4-EVO2/xy_UR(Staubli) PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy(Staubli) PV-ZH202B(Zhejiang Zhonghuan Sunter

Electrical Characteristics (STC)

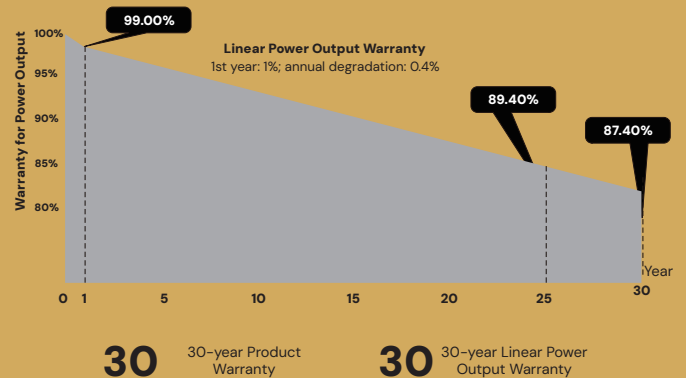
Module type:	MPS-455NM2FBK	MPS-460NM2FBK	MPS-465NM2FBK	MPS-470NM2FBK	MPS-475NM2FBK
Maximum Power: Pmax [W] ±3%	455	460	465	470	475
Open Circuit Voltage: Voc [V] ±5%	36.1	36.25	36.4	36.55	36.70
Short Circuit Current: Isc [A] ±5%	15.85	15.89	15.92	15.95	15.97
Voltage at Maximum Power: Vmp [V]	30.06	30.31	30.56	30.80	31.05
Current at Maximum Power: Imp [A]	15.14	15.18	15.22	15.26	15.30
Module Efficiency: η[%]	22.8	23.0	23.3	23.5	23.80

* STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5, Power measurement tolerance: ±3% - VOC & Isc tolerance ±5%

Curve



Warranty



Temperature Rating

Temperature Coefficient of Pmax	-0.28%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.046%/°C

Operating Parameters

Operating Temperature	-40°C - +70°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	30A
Power Output Tolerance	0~+3%
Fire Class Rating	Class C
T98	70°C

Made in China - Produced by Oz Power Products Pty Ltd T/A Max Power Solar ABN 35 641 561 686

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Statement:

Product specifications may change from time to time as part of continuous improvement. While every effort is made to ensure accuracy, actual product performance and specifications may vary. Max Power Solar reserves the right to update specifications without prior notice.