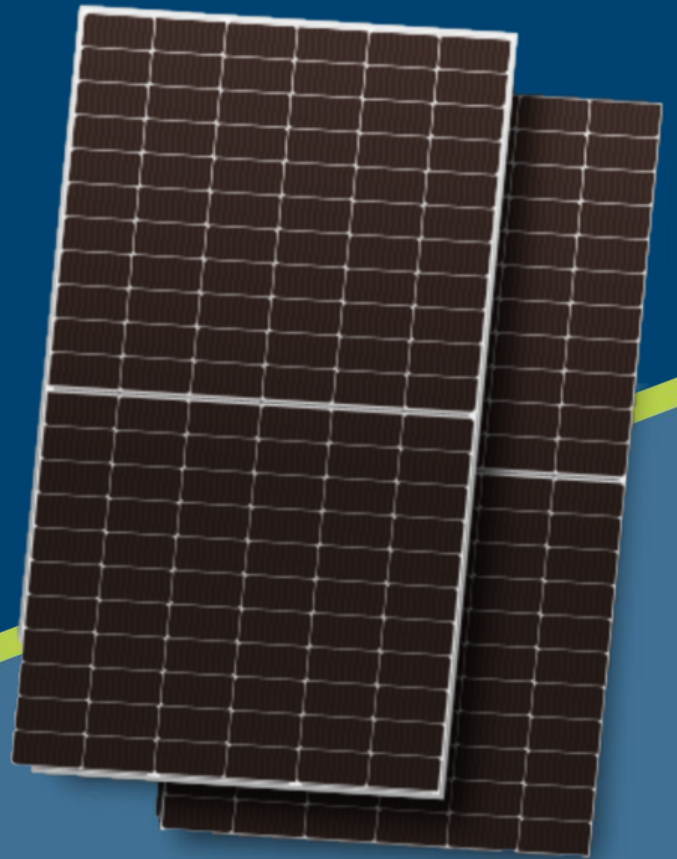


SERIES
MSEA
60M9
360-390 WATT



True Source
of Energy

AUSTRALIAN MADE

FULLY AUTOMATED & LARGEST MANUFACTURING FACILITY IN AUSTRALIA



Our Approach We believe high quality solar power should be produced locally at globally competitive pricing.

Meticulous manufacturing, testing and quality assurance standards, DEKRA certified according to IEC standards and developed QMS system ensures consistent quality and traceability.

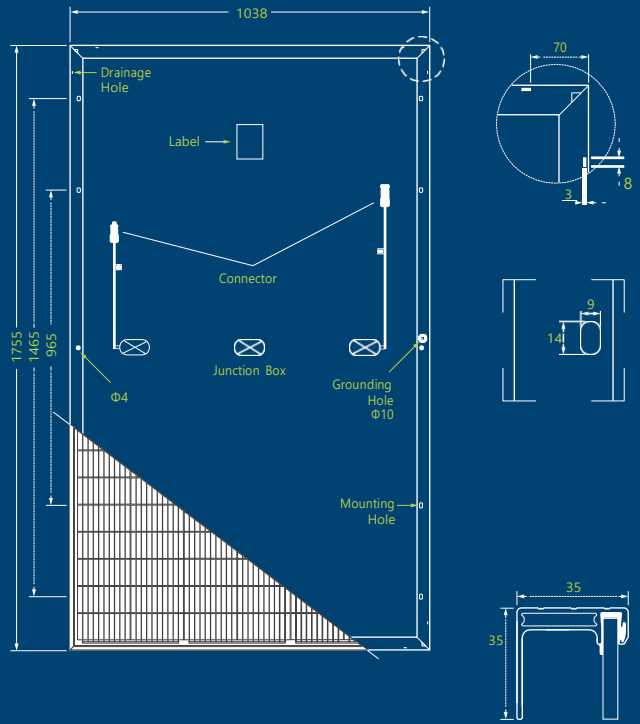
Our Quality

- 2400 pa wind & 5400 pa mechanical loads
- High temperature operation
- Easy module replacement
- Quality control and traceability by stringent QMS system
- State of ART fully automatic facility
- Earth leakage tested to 3600V DC
- Double Electro-Luminescence (EL) tested
- Built to perform in low light condition
- Module Pass fire class C performance per UL790



Module Design

- Cells Type** Mono 166×83mm
- Weight** 20kg
- Dimension** 1755×1038×35mm
- Output Cables** 4.0mm², Portrait: 300mm(+)/400mm(-)
Landscape: 1400mm(+)/1400mm(-)
- No. of Cells** 120 (6×20)
- Glass** 3.2mm High Transmission, Antireflection Coating
- Junction box** IP68, 3 Bypass Diodes
- Connector** QC Solar (Suzhou) Corporation(QC4.10-35) OR
Staubi Electrical Connector AG(PV -KST4-EVO2/xy_U R;
PV-KBT4-EVO2/xy_UR)
- Packing** 31pcs/pallet, 806pcs/40HQ



**AUSTRALIAN
QUALITY THAT
YOU CAN TRUST**

Modules

	MSEA60M9-360W		MSEA60M9-365W		MSEA60M9-370W		MSEA60M9-375W		MSEA60M9-380W		MSEA60M9-385W		MSEA60M9-390W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	360W	271W	365W	274W	370W	278W	375W	282W	380W	286W	385W	289W	390W	293W
Open-circuit Voltage (Voc)	40.6V	38.4V	40.8V	38.6V	41.0V	38.8V	41.2V	39.0V	41.4V	39.2V	41.6V	39.4V	41.8V	39.6V
Maximum Power Voltage (Vmp)	33.8V	32.0V	34.0V	32.2V	34.2V	32.4V	34.4V	32.6V	34.6V	32.7V	34.8V	32.9V	35.0V	33.1V
Short-circuit Current (Isc)	11.24A	9.07A	11.30A	9.12A	11.36A	9.17A	11.42A	9.22A	11.48A	9.26A	11.54A	9.31A	11.60A	9.36A
Maximum Power Current (Imp)	10.65A	8.46A	10.74A	8.53A	10.82A	8.59A	10.90A	8.66A	10.98A	8.72A	11.06A	8.79A	11.14A	8.85A
Module Efficiency (%)	19.76%		20.04%		20.31%		20.59%		20.86%		21.13%		21.41%	
Operating Temperature (°C)	-40°C ~ +85°C													
Maximum System Voltage	1500VDC													
Maximum Series Fuse Rating	20A													
Power Tolerance	0~+5W													
Tolerance of rating Pmax/Isc/Voc%	±3/±3/±3													

NOCT: Irradiance 800w/m², Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

STC: Irradiance 1000w/m², Cell temperature 25°C, Spectrum AM1.5

TEMPERATURE RATINGS

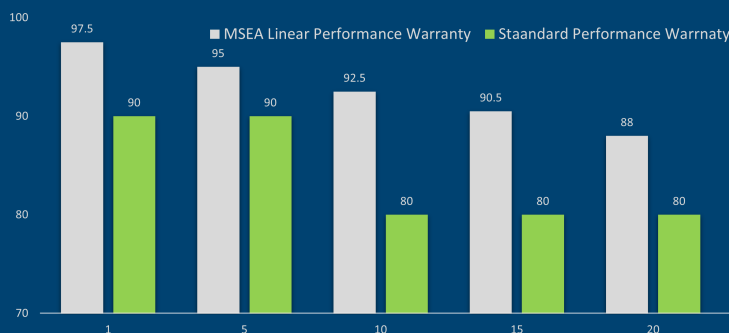
Nominal Operating Cell Temp	45°C ±2°C
Tempcoefficient of Pmax	-0.37%/°C
Tempcoefficient of Voc	-0.29%/°C
Tempcoefficient of Isc	0.05%/°C

MAXIMUM RATINGS

Operational Temp	-40 to +85°C
Max system Voltage	1500VDC (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
92.5% at the end of 10th year
83.5% at the end of 25th year



21.41%
Max Module Eff.

0~+5W
Positive Tolerance



MADE IN AUSTRALIA

CONTACT US

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