

CONVENTION SERIES MONOCRYSTALLINE 120-cell MODULE

EG-370M60-HE

370W

KEY FEATURES



Mbb half cell design
Half-cut cells brings lower resistance and increased Multi Busbar reflectance ensures higher power output



High Efficiency
Ensure module efficiency up to 20.31%



High Reliability
Strict in-house testing in PV Lab which is CNAS approved & TUV /VDE certified



Excellent Low-light Performance
Advanced solar cell surface texturing technology allows for excellent performance in low-light environments

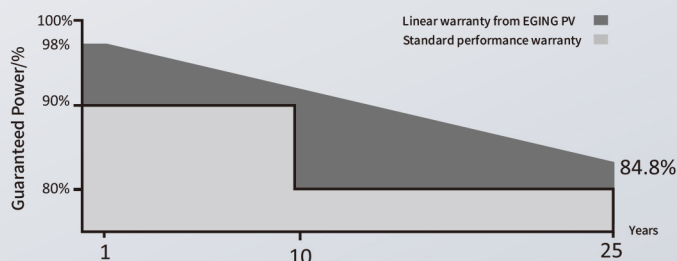


Highly Strengthened Design
Certified to withstand:5400Pa snow load and 2400Pa wind load

LINEAR PERFORMANCE WARRANTY

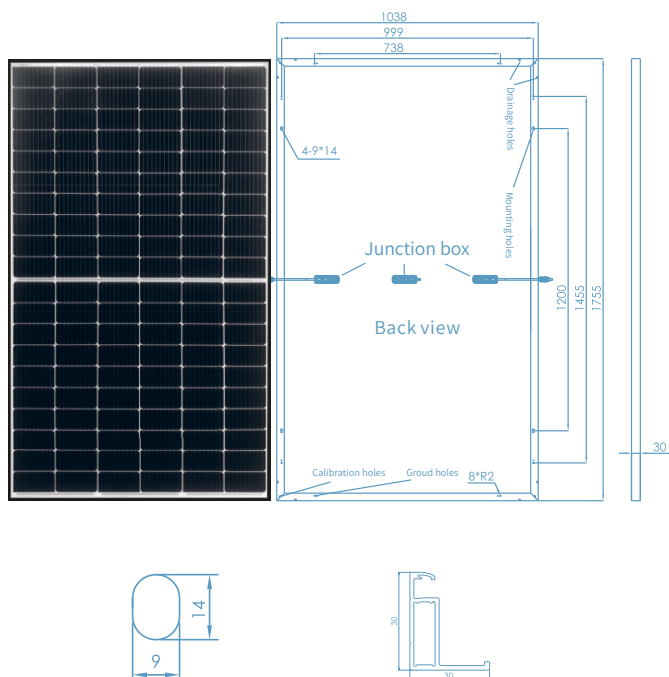
25 Year Product Warranty **25 Year Linear Power Warranty**

*Subject to the terms and conditions contained in the applicable EGING PV Limited Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in Australia.

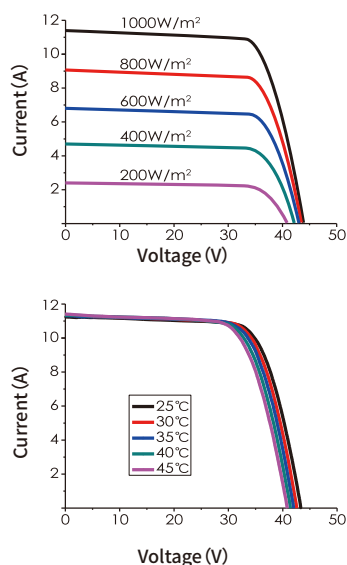


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Engineering Drawings



I-V Curves



Packing Configuration

Pieces per pallet	35
Size of packing (mm)	1790*1140*1190
Weight of packing (kg)	710
Pieces per container	910
Size of container	40' HC

Electrical Characteristics

Power level	370
Pmax (W)	370
Vmp (V)	34.42
Imp (A)	10.75
Voc (V)	41.28
Isc (A)	11.24
Module efficiency (%)	20.31
Maximum system voltage (V)	1000
Fuse Rating (A)	20
Power tolerance (%)	Pmax: ±3% Binning: ±5W Voc: ±5% Isc: ±5%
Temperature coefficient Pmax (°C)	-0.350
Temperature coefficient Isc (°C)	0.05
Temperature coefficient Voc (°C)	-0.275

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

Working Characteristics

Power level	370
Pmax (W)	274
Vmp (V)	31.64
Imp (A)	8.66
Voc (V)	37.94
Isc (A)	9.06
Power tolerance (%)	Pmax: ±3% Binning: ±5W
NOCT (°C)	44 ± 2

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

Mechanical Characteristics

Number of cells	120pcs
Size of cell (mm)	166*83
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1755*1038*30
Weight (kg)	19
Cables/connectors	H1Z2Z2-K 4mm² 01C1/05-8 TL-Cable01s/Staubli MC4
Length of Cable	1200mm

Maximum Ratings

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

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Specifications included in this datasheet are subject to change without notice.

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