EGING PV

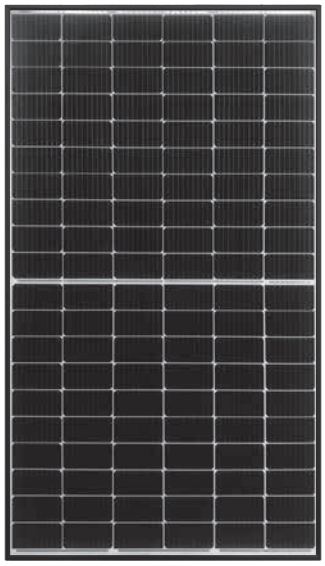
WWW.EGINGPV.COM

EG-(SERIES)M60-HE

120 HALF-CUT CELLS
MONOCRYSTALLINE MODULE

350Wp-370Wp
POWER RANGE

20.31%
MAXIMUM MODULE EFFICIENCY



* Black Frames Applied

KEY FEATURES

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

High Efficiency
Leading PERC technology achieves higher module efficiency up to 20.04%

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

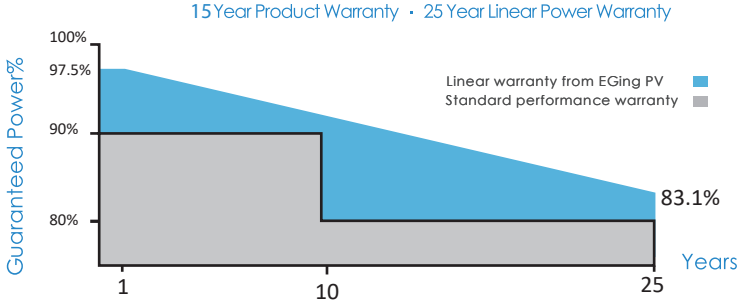
High Reliability
Strict in-house testing in PV Lab which is CNAS approved & VDE certified

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

IEC/TS62941-PV Module Qualification Management
ISO9001:2005- Factory Quality Management System
ISO14001:2015- Evironment Managment System

Eging started it' s industrial manufactuering from 1995, and the PV division was founded in 2003.We are a high-tech company specialized in researching, developing, manufacturing and selling photovoltaic products.Eging has a full product lines including ingot, wafer, cell, and module . Our annual capacity reaches 5GW of solar cells and 5.5GW of solar modules by end of 2019 .Eging is one of the ONLY there companies who are above the bankrupcy risk line among all of public listed solar companies according to BNFF(Blommberg) report in Q3,2019.

LINEAR PERFORMANCE WARRANTY
15 Year Product Warranty · 25 Year Linear Power Warranty



As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGing PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

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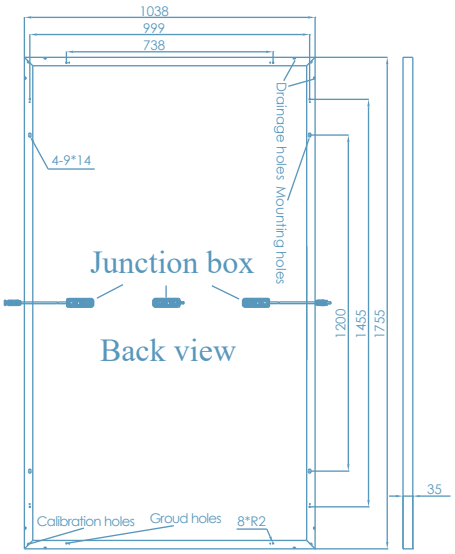
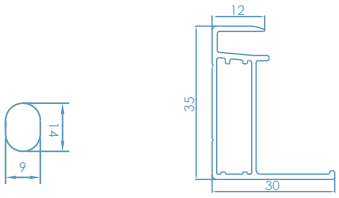
EG-370M60-HE

Engineering Drawings





Electrical Characteristics

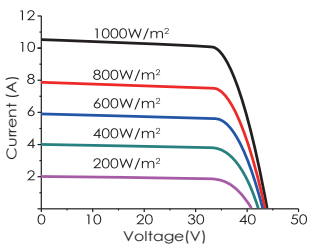
STC		EG-350 M60-HE	EG-355 M60-HE	EG-360 M60-HE	EG-365 M60-HE	EG-370 M60-HE
Pmax (W)		350	355	360	365	370
Vmp (V)		33.59	33.78	34.00	34.21	34.42
Imp (A)		10.42	10.51	10.59	10.67	10.75
Voc (V)		40.47	40.69	40.87	41.06	41.28
Isc (A)		10.92	11.00	11.08	11.16	11.24
Module efficiency (%)		19.21	19.48	19.76	20.04	20.31
Maximum system voltage (V)		1000				
Fuse Rating Current (A)		20				
Power tolerance (%)		Pmax:±3% Binning:±5W, Voc:±5%, Isc:±5%				
Temperature coefficient	Pmax (%/℃)	-0.390				
	Isc (%/℃)	0.039				
	Voc (%/℃)	-0.295				

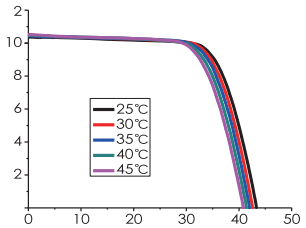
STC: Irradiance 1000W/m^2, module temperature 25°C, AM=1.5

NOCT	EG-350 M60-HE	EG-355 M60-HE	EG-360 M60-HE	EG-365 M60-HE	EG-370 M60-HE
Pmax (W)	259	263	266	270	274
Vmp (V)	30.84	31.06	31.19	31.40	31.64
Imp (A)	8.4	8.47	8.53	8.60	8.66
Voc (V)	37.16	37.41	37.49	37.68	37.94
Isc (A)	8.8	8.86	8.93	8.99	9.06
Power tolerance (%)	Pmax:±3% Binning:±5W				

NOCT: Irradiance 800W/ m^2, ambient temperature 20°C, wind speed 1m/s

I-V Curves





Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	166*83
Type of cell	Mono
Size of module (mm)	1755*1038*35
Weight (kg)	19.2
Junction box	IP68 (1m,1h)
Cables/connectors	H1Z2Z2 -K 4mm² 01C1/ TL-Cable01S/ Staubli MC4

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1790*1120*1190
Weight of packing (kg)	621
Pieces per container	780
Size of container	40' HC

Maximum Ratings

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

Revised in May, 2020