

CONVENTION SERIES MONO PERC 120-cell MODULE

EG-380M60-HE

360~380W

KEY FEATURES



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



High Efficiency
Leading PERC technology achieves higher module efficiency up to 20.85%



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



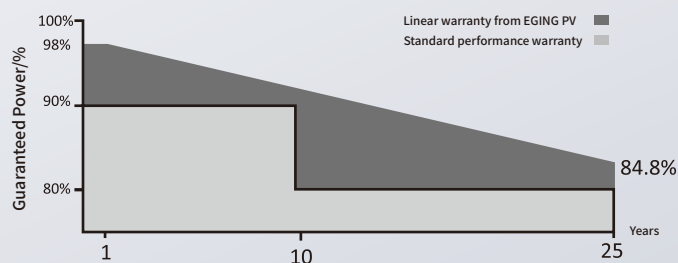
Excellent Low-light Performance
Advanced solar cell surface texturing technology allows for excellent performance in low-light environments



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

LINEAR PERFORMANCE WARRANTY

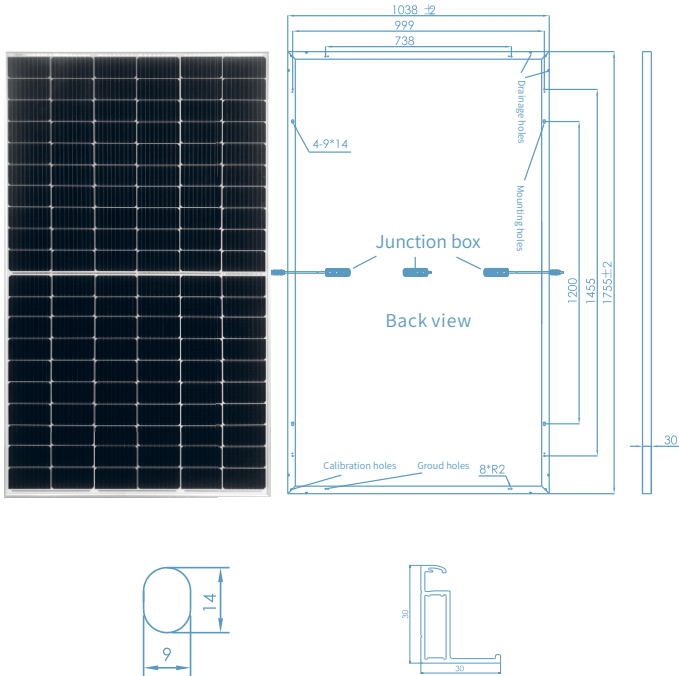
15 15 Year Product Warranty **25** 25 Year Linear Power Warranty



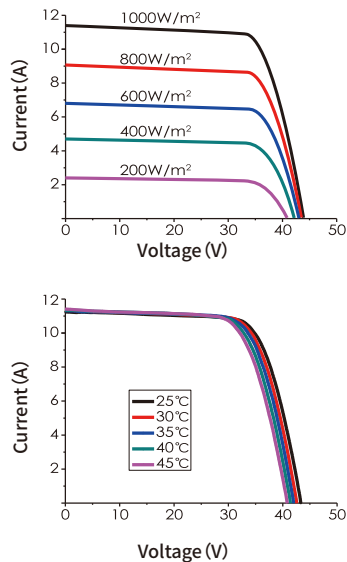
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

EG-380M60-HE

Engineering Drawings



I-V Curves



Packing Configuration

Pieces per pallet	36
Size of packing (mm)	1790*1140*1190
Weight of packing (kg)	729
Pieces per container	936
Size of container	40'HC

Electrical Characteristics

Power level	360	365	370	375	380
Pmax (W)	360	365	370	375	380
Vmp (V)	34.00	34.21	34.42	34.63	34.84
Imp (A)	10.59	10.67	10.75	10.83	10.91
Voc (V)	40.87	41.06	41.28	41.49	41.69
Isc (A)	11.08	11.16	11.24	11.32	11.40
Module efficiency (%)	19.76	20.03	20.31	20.58	20.85
Maximum system voltage (V)	1000				
Fuse Rating (A)	20				
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	360	365	370	375	380
Pmax (W)	266	270	274	278	281
Vmp (V)	31.19	31.40	31.64	31.85	31.97
Imp (A)	8.53	8.60	8.66	8.73	8.79
Voc (V)	37.49	37.68	37.94	38.16	38.26
Isc (A)	8.93	8.99	9.06	9.12	9.19
Tolerance (%)	Pmax:±3% Binning:±5W Voc:±5% Isc:±5%				
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	62930 IEC 131,1*4mm/EGing : E1-X,QC Solar : QC4.10-cd,Zerun : Z4S,Renhe : RHC2xyzzy
Length of Cabel	Portrait: +300mm/-300mm
Fire class	Class C

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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