

EG-(SERIES)M60-HEV MONOCRYSTALLINE 120-CELL MODULE 360~ 380Wp

0~+3% POSITIVE TOLERANCE



* Black Frames Applied

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%



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 & TUV/VDE certified



Highly Strengthened Design

Certified to withstand: 5400Pa snow load and 2400Pa wind load

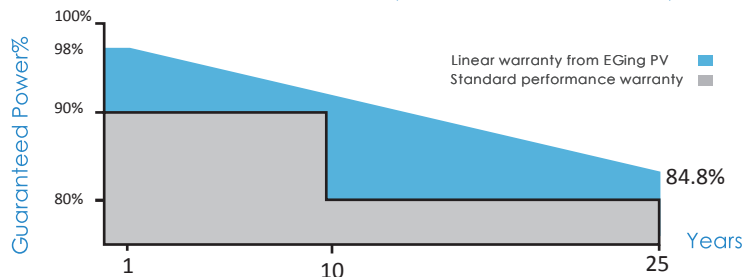


PID Resistant

Excellent PID resistance performance optimized by unique structural design

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 25 Year Linear Power Warranty



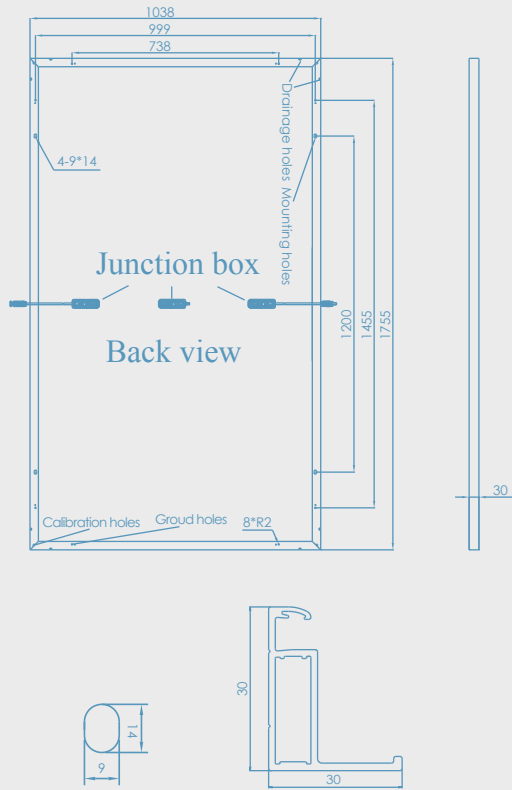
· ISO9001:2015, ISO14001:2015, ISO45001:2018
QC080000:2017, IEC TS 62941
certified factory

· IEC61215, IEC61730, UL1703, IEC62804, IEC62716
certified product

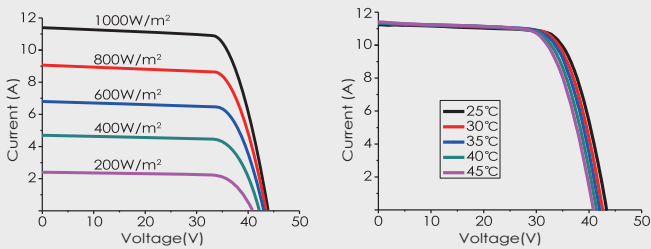


As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

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

STC	EG-360 M60-HEV	EG-365 M60-HEV	EG-370 M60-HEV	EG-375 M60-HEV	EG-380 M60-HEV
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)	1500				
Fuse Rating Current (A)	20				
Power tolerance (%)	0~+3				
Temperature coefficient	Pmax (%/°C)	-0.350			
	Isc (%/°C)	0.05			
	Voc (%/°C)	-0.275			

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

NOCT	EG-360 M60-HEV	EG-365 M60-HEV	EG-370 M60-HEV	EG-375 M60-HEV	EG-380 M60-HEV
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
Power tolerance (%)	0~+3				

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

Mechanical Characteristics

Number of cells (pcs)	120
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	4mm ² MC4 compatible
Length of Cabel (mm)	Portrait: +300/-300mm

Maximum Ratings

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

Revised in August, 2021

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