

## 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 resistance 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

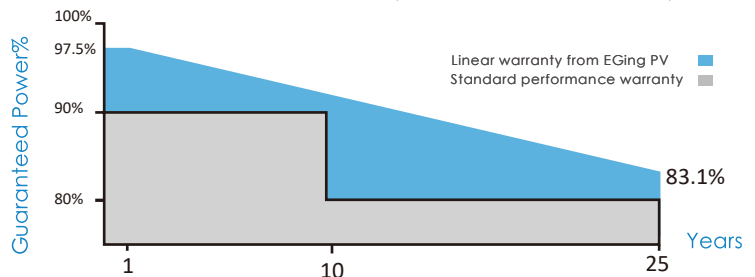
Certified to withstand: 5400Pa snow load and 2400Pa wind load

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

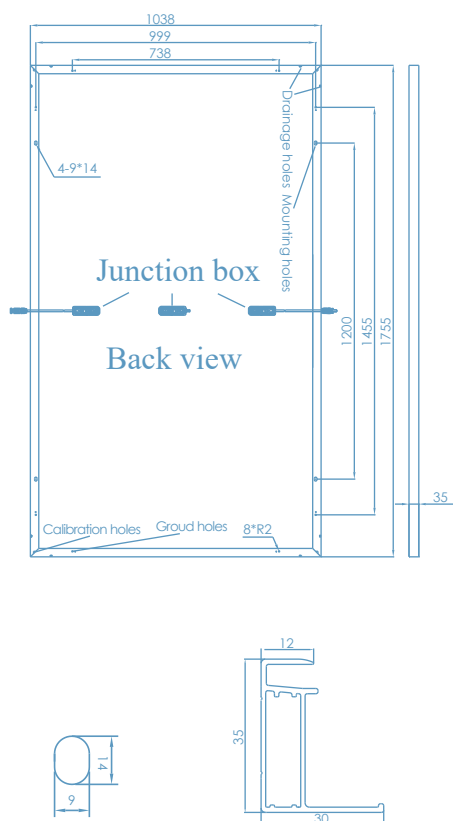
Eging started its industrial manufacturing from 1995, and the PV division was founded in 2003. We are a high-tech company specialized in researching, developing, manufacturing and selling photovoltaic products. Eging has a full product lines including ingot, wafer, cell, and module. Our annual capacity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

### LINEAR PERFORMANCE WARRANTY

15Year Product Warranty · 25 Year Linear Power Warranty



As a BloombergNEF Tier 1 and global leading manufacturer since 2003, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

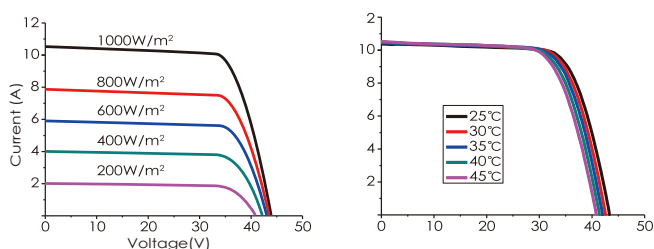
**Engineering Drawings**

**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                                     |               |               |               |               |
| Fire Rating                | Class C                                |               |               |               |               |
| Power tolerance (%)        | Pmax:±3% Binning:±5W, Voc:±5%, Isc:±5% |               |               |               |               |
| Temperature coefficient    | Pmax (%/°C)                            | -0.390        |               |               |               |
|                            | Isc (%/°C)                             | 0.039         |               |               |               |
|                            | Voc (%/°C)                             | -0.295        |               |               |               |

STC: Irradiance 1000W/m<sup>2</sup>, 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<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

**I - V Curves**

**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         |

**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 4mm <sup>2</sup> 01C1/<br>TL-Cable01S/ Staubli MC4 |

**Maximum Ratings**

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

**Revised in May, 2020**

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