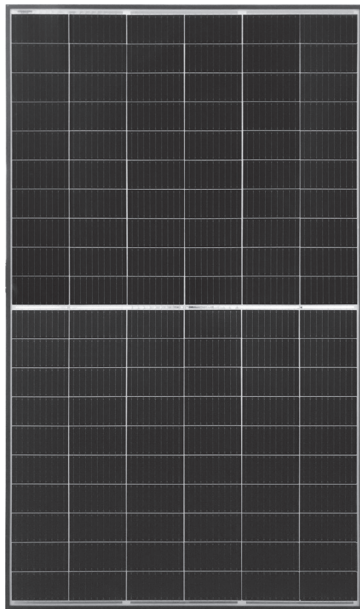


EG-(SERIES)M60-HE

120 HALF-CUT CELLS
MONOCRYSTALLINE MODULE

350Wp-380Wp
POWER RANGE

20.85%
MAXIMUM MODULE EFFICIENCY



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

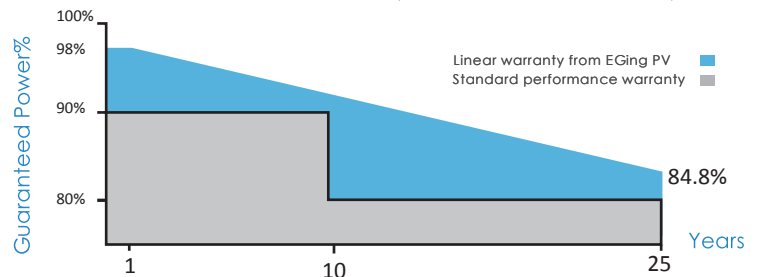


Highly Strengthened Design

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

LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty · 25 Year Linear Power Warranty



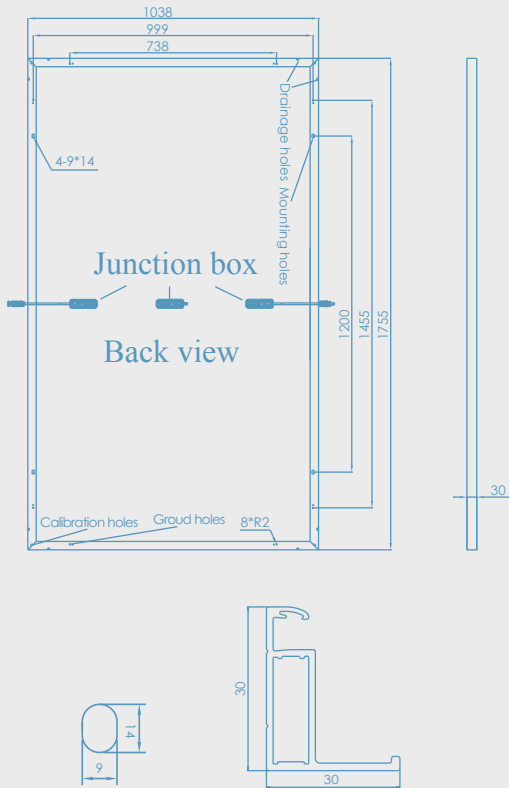
· ISO9001:2015, ISO14001:2015, ISO45001:2018
QC080000:2017, IEC TS 62941
certified factory

· 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



Electrical Characteristics

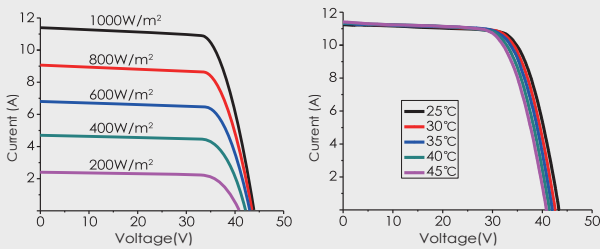
| STC | EG-350 M60-HE | EG-355 M60-HE | EG-360 M60-HE | EG-365 M60-HE | EG-370 M60-HE | EG-375 M60-HE | EG-380 M60-HE |
|----------------------------|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Pmax (W) | 350 | 355 | 360 | 365 | 370 | 375 | 380 |
| Vmp (V) | 33.59 | 33.78 | 34.00 | 34.21 | 34.42 | 34.63 | 34.84 |
| Imp (A) | 10.42 | 10.51 | 10.59 | 10.67 | 10.75 | 10.83 | 10.91 |
| Voc (V) | 40.47 | 40.69 | 40.87 | 41.06 | 41.28 | 41.49 | 41.69 |
| Isc (A) | 10.92 | 11.00 | 11.08 | 11.16 | 11.24 | 11.32 | 11.40 |
| Module efficiency (%) | 19.21 | 19.48 | 19.76 | 20.03 | 20.31 | 20.58 | 20.85 |
| Maximum system voltage (V) | 1000 | | | | | | |
| Fuse Rating Current (A) | 20 | | | | | | |
| Tolerance (%) | Pmax:±3% Binning:±5W Voc:±5% Isc:±5% | | | | | | |
| 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-350 M60-HE | EG-355 M60-HE | EG-360 M60-HE | EG-365 M60-HE | EG-370 M60-HE | EG-375 M60-HE | EG-380 M60-HE |
|-----------------|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Pmax (W) | 259 | 263 | 266 | 270 | 274 | 278 | 281 |
| Vmp (V) | 30.84 | 31.06 | 31.19 | 31.40 | 31.64 | 31.85 | 31.97 |
| Imp (A) | 8.40 | 8.47 | 8.53 | 8.60 | 8.66 | 8.73 | 8.79 |
| Voc (V) | 37.16 | 37.41 | 37.49 | 37.68 | 37.94 | 38.16 | 38.26 |
| Isc (A) | 8.80 | 8.86 | 8.93 | 8.99 | 9.06 | 9.12 | 9.19 |
| Power tolerance | Pmax:±3% Binning:±5W | | | | | | |

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

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 |

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 |
| Fire class | Class C |
| Size of module (mm) | 1755*1038*30 |
| Weight (kg) | 19 |
| Cables/connectors | H1Z2Z2-K 4mm ² 01C1/05-8 TL-Cable01s / Staubli MC4 |
| Length of Cabel(mm) | 1200 |

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

CAUTION: All rights reserved by EGING PV. Specifications included in this datasheet are subject to change without notice.