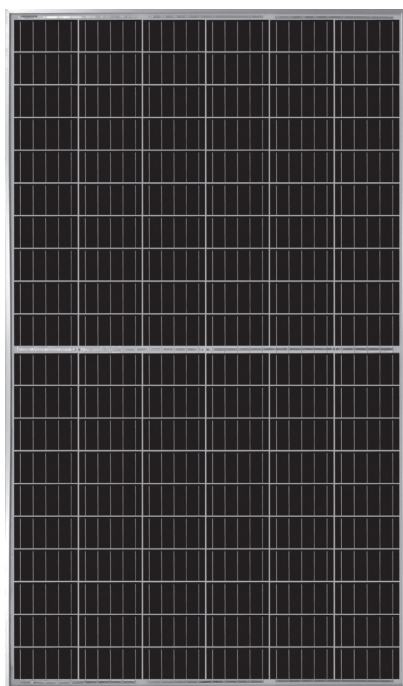


# EG-(SERIES)M60-HD MONOCRYSTALLINE 120-CELL MODULE 320 ~ 340Wp

0~+3% POSITIVE TOLERANCE



\* Black Frames Applied

## KEY FEATURES



### Half cell design

The HC design 120-cell brings lower cell connection loss and lower thermal coefficients at high operation temperatures



### High Efficiency

Leading PERC technology achieves higher module efficiency up to 20.14%



### 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

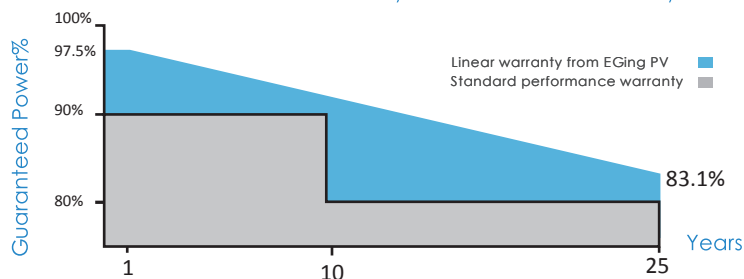


### PID Resistant

Excellent PID optimized, 1% less power degradation

## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



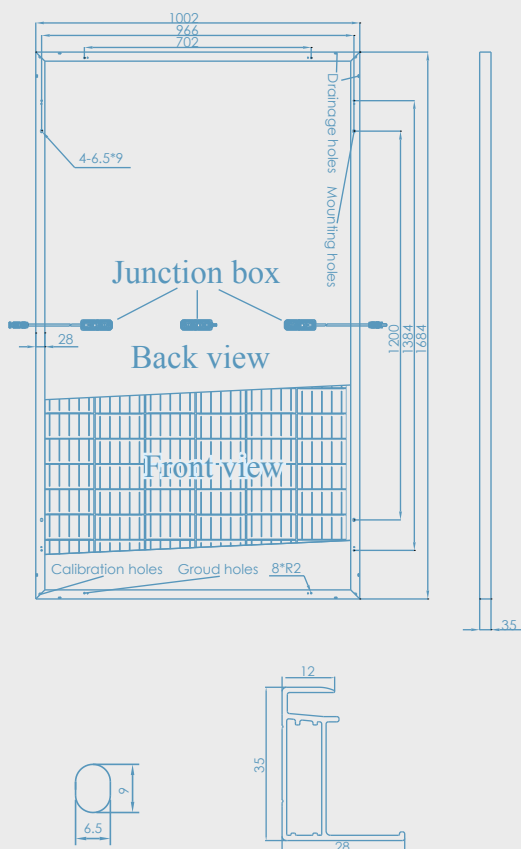
· ISO9001:2015, ISO14001:2015, ISO45001:2018  
QC080000:2017, IEC TS 62941  
certified factory

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

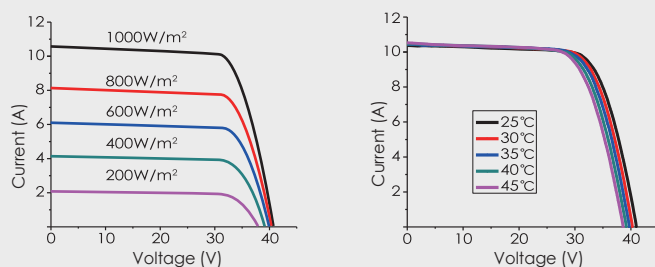


As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

# Engineering Drawings



## I - V Curves



## Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1720*1120*1150
Weight of packing (kg)	594
Pieces per container	780
Size of container	40' HC

## Electrical Characteristics

STC		EG-320 M60-HD	EG-325 M60-HD	EG-330 M60-HD	EG-335 M60-HD	EG-340 M60-HD
Pmax (W)		320	325	330	335	340
Vmp (V)		32.99	33.20	33.41	33.61	33.80
Imp (A)		9.70	9.79	9.88	9.97	10.06
Voc (V)		40.63	40.74	40.94	41.14	41.35
Isc (A)		10.17	10.26	10.35	10.44	10.53
Module efficiency (%)		18.94	19.26	19.55	19.85	20.14
Maximum system voltage (V)				1000		
Fuse Rating Current (A)				20		
Power tolerance (%)				0~+3		
Temperature coefficient	Pmax (%/°C)	-0.390				
	Isc (%/°C)	0.039				
	Voc (%/°C)	-0.295				

STC: Irradiance  $1000\text{W/m}^2$ , module temperature  $25^\circ\text{C}$ , AM=1.5

NOCT	EG-320 M60-HD	EG-325 M60-HD	EG-330 M60-HD	EG-335 M60-HD	EG-340 M60-HD
Pmax (W)	237	241	245	248	252
Vmp (V)	30.31	30.55	30.78	30.97	31.30
Imp (A)	7.82	7.89	7.96	8.01	8.05
Voc (V)	37.33	37.49	37.72	37.91	38.30
Isc (A)	8.19	8.27	8.34	8.39	8.44
Power tolerance (%)	0~+3				

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

## Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	158.75*79.375
Type of cell	Mono
Thickness of glass(mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1684*1002*35
Weight (kg)	18.3
Cables/connectors	4mm <sup>2</sup> MC4 compatible
Length of Cabel(mm)	1000

## Maximum Ratings

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