






# STAR SERIES MONOCRYSTALLINE 108-cell MODULE

## EG-390M54-HL

# 390W

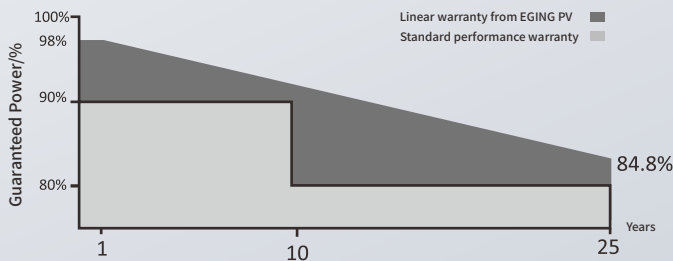
### KEY FEATURES

- 
**Mbb half cell design**  
 Half-cut cells brings lower resistance and increased Multi Busbar reflectance ensures higher power output
- 
**High Efficiency**  
 Ensure module efficiency up to 19.97%
- 
**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 Strengthened Design**  
 Certified to withstand:5400Pa snow load and 2400Pa wind load

### LINEAR PERFORMANCE WARRANTY

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

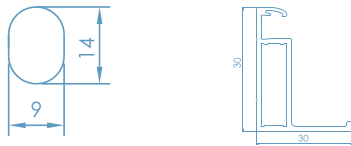
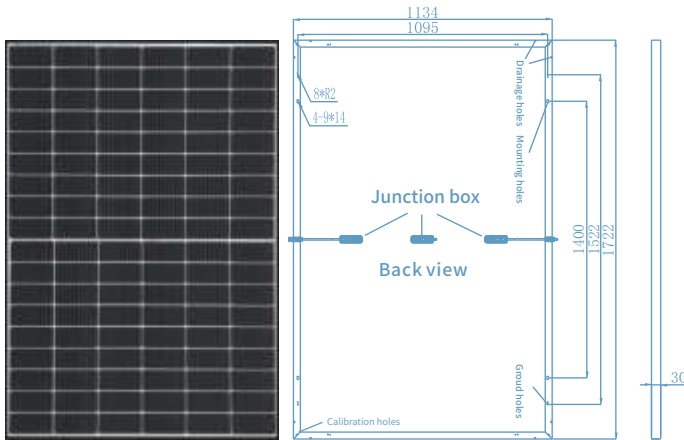
\*Subject to the terms and conditions contained in the applicable EGING PV Limited Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in Australia.



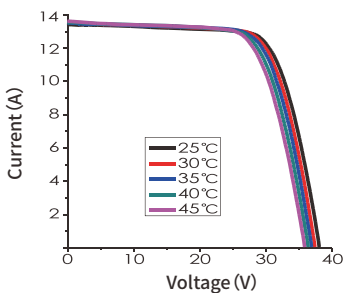
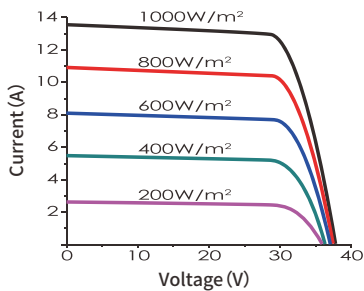
**Tier 1** BloombergNEF  
 As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

# EG-390M54-HL

## Engineering Drawings



## I-V Curves



## Packing Configuration

Pieces per pallet	36
Size of packing (mm)	1790*1140*1275
Weight of packing (kg)	772
Pieces per container	936
Size of container	40'HC

## Electrical Characteristics

Power level	390
Pmax (W)	390
Vmp (V)	30.79
Imp (A)	12.67
Voc (V)	36.69
Isc (A)	13.42
Module efficiency (%)	19.97
Maximum system voltage (V)	1000
Fuse Rating (A)	25
Power tolerance (%)	Pmax: ±3% Binning: ±5W Voc: ±5% Isc: ±5%
Temperature coefficient Pmax (°C)	-0.350
Temperature coefficient Isc (°C)	0.05
Temperature coefficient Voc (°C)	-0.275

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5

## Working Characteristics

Power level	390
Pmax (W)	295
Vmp (V)	28.45
Imp (A)	10.37
Voc (V)	34.13
Isc (A)	10.98
Power tolerance (%)	Pmax: ±3% Binning: ±5W
NOCT (°C)	44±2

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

## Mechanical Characteristics

Number of cells	108pcs
Size of cell (mm)	182*91
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1722*1134*30
Weight (kg)	20.2
Cables/connectors	H1Z2Z2-K 4mm <sup>2</sup> 01C1/05-8 TL-Cable01s/Staubli MC4
Length of Cabel	1200mm

## 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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CAUTION: All rights reserved by EGING PV.

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

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