

# AURORA SERIES

MONO PERC  
120-cell MODULE

EG-605M60-HUV

**585~605W**

0~3% POSITIVE TOLERANCE

## KEY FEATURES



### Mbb cell design

Multi Busbar cells bring lower resistance and increased Busbar reflectance ensuring higher power output



### Low degradation

All single crystal cells are produced by using gallium-doped silicon wafers, which have better anti-degradation ability and ensure durable and stable efficient power generation



### High Reliability

Strict in-house testing in PV Lab which is CNAS approved & TUV /VDE certified



### Excellent Low-light Performance

Advanced solar cell and glass surface texturing technology allows for excellent performance in low-light environments

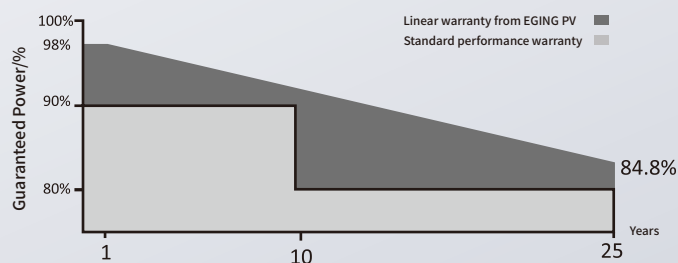


### PID Resistant

Excellent PID resistance performance optimized by unique structural design

## LINEAR PERFORMANCE WARRANTY

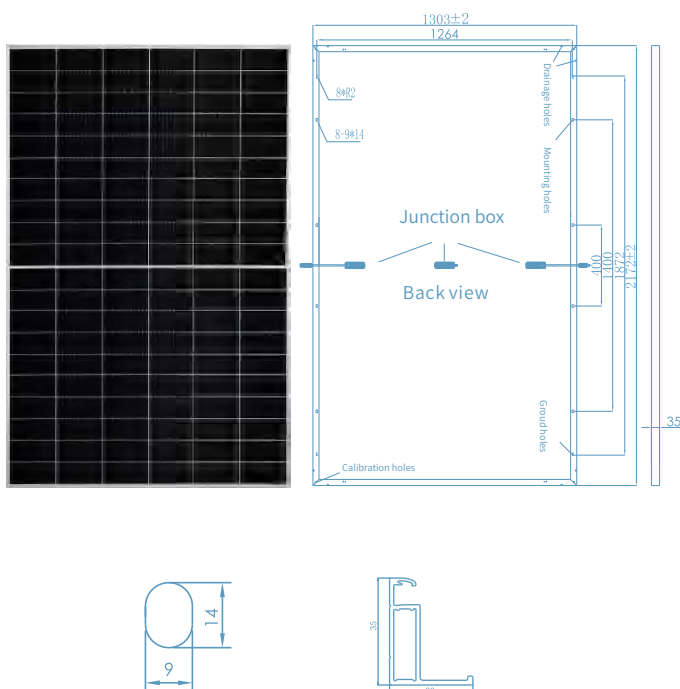
**12** 12 Year Product Warranty **25** 25 Year Linear Power Warranty



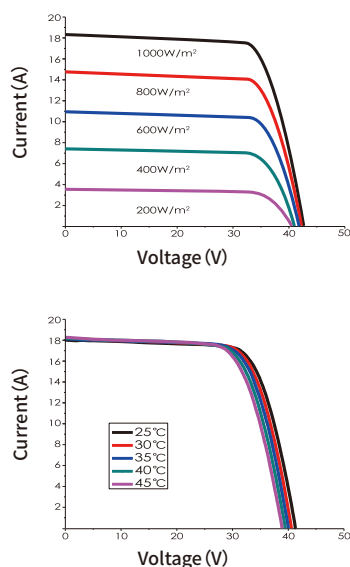
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

# EG-605M60-HUV

## Engineering Drawings



## I-V Curves



## Packing Configuration

Pieces per pallet	31
Size of packing (mm)	1350*1130*2300
Weight of packing (kg)	970
Pieces per container	558
Size of container	40'HC

## Electrical Characteristics

Power level	585	590	595	600	605
Pmax (W)	585	590	595	600	605
Vmp (V)	33.82	34.01	34.20	34.39	34.60
Imp (A)	17.30	17.35	17.40	17.45	17.49
Voc (V)	40.92	41.11	41.30	41.49	41.70
Isc (A)	18.35	18.40	18.45	18.50	18.54
Module efficiency (%)	20.67	20.84	21.02	21.20	21.37
Maximum system voltage (V)	1500				
Fuse Rating (A)	30				
Temperature coefficient Pmax (%/°C)	-0.34				
Temperature coefficient Isc (%/°C)	0.04				
Temperature coefficient Voc (%/°C)	-0.25				

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

## Working Characteristics

Power level	585	590	595	600	605
Pmax (W)	443	447	451	454	458
Vmp (V)	31.54	31.73	31.92	32.02	32.21
Imp (A)	14.05	14.09	14.13	14.18	14.22
Voc (V)	38.53	38.73	38.92	39.12	39.31
Isc (A)	14.81	14.85	14.88	14.92	14.96
Power tolerance (%)	0~+3				
NOCT (°C)	44±2				

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

## Mechanical Characteristics

Number of cells	120pcs
Size of cell (mm)	210*105
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	2172*1303*35
Weight (kg)	29.9
Cables/connectors	4mm², MC4 compatible
Length of Cabel	Portrait :+300mm/-300mm

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



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