

AURORA SERIES

MONO PERC
120-cell MODULE

EG-620M60-HUV

610~620W

KEY FEATURES



Mbb cell design

Multi Busbar cells brings lower resistance and increased Busbar reflectance ensures higher power output



Low degradation

All single crystal cells are produced by using gallium-doped silicon wafer, which has better anti-degradation ability and ensures 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

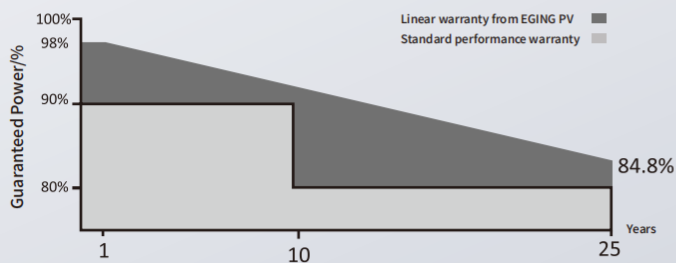
LINEAR PERFORMANCE WARRANTY



15 Year Product Warranty



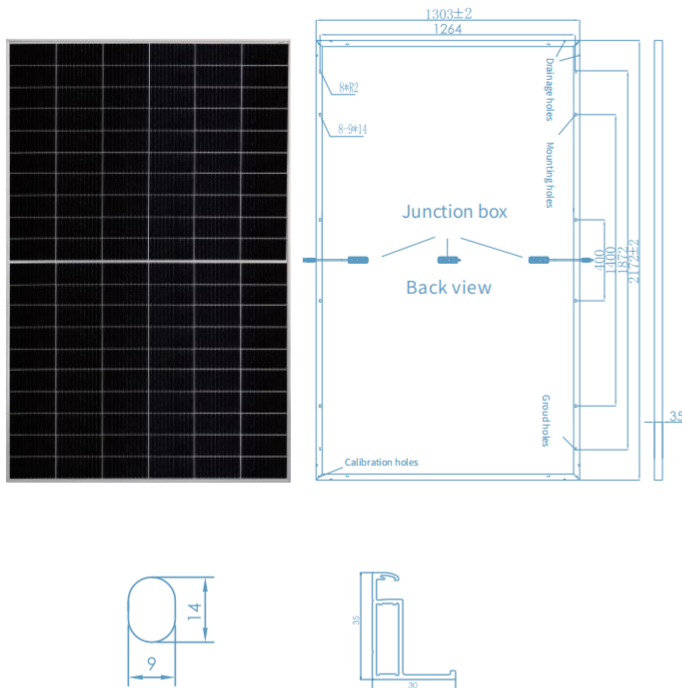
25 Year Linear Power Warranty



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-620M60-HUV

Engineering Drawings



Electrical Characteristics

Power level	610	615	620
Pmax (W)	610	615	620
Vmp (V)	34.78	34.97	35.15
Imp (A)	17.54	17.59	17.64
Voc (V)	41.90	42.10	42.28
Isc (A)	18.59	18.64	18.69
Module efficiency (%)	21.55	21.73	21.90
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		

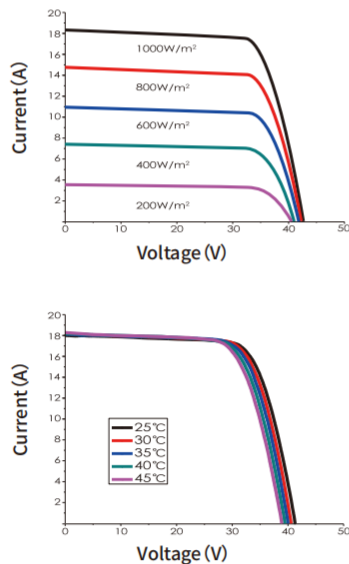
STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

Working Characteristics

Power level	610	615	620
Pmax (W)	462	466	470
Vmp (V)	32.43	32.64	32.85
Imp (A)	14.25	14.28	14.31
Voc (V)	39.50	39.70	39.90
Isc (A)	15.00	15.04	15.08
Tolerance (%)	Pmax: ±3% Binning: ±5W Voc: ±5% Isc: ±5%		
NOCT (°C)	44 ±2		

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

I-V Curves



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	62930 IEC 131, 1*4mm ² /EGing : E1-X, QC Solar : QC4.10-cd, Zerus : Z4S, Renhe : RHC2xyz
Length of Cable	Portrait: +300mm/-300mm
Fire class	Class C

Packing Configuration

Pieces per pallet	31
Size of packing (mm)	1350*1130*2300
Weight of packing (kg)	987
Pieces per container	558
Size of container	40'HC

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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