

AURORA SERIES MONO PERC 132-cell MODULE

EG-670M66-HUV

650~670W

0~3% POSITIVE TOLERANCE

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

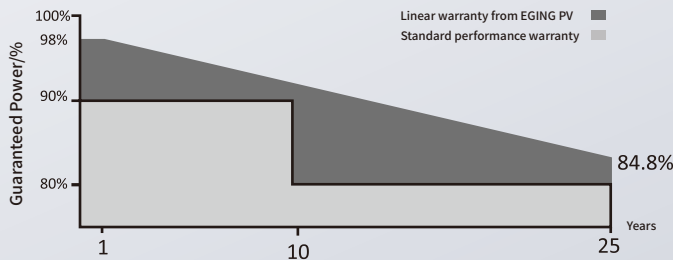


PID Resistant
Excellent PID resistance performance optimized by unique structural design



LINEAR PERFORMANCE WARRANTY

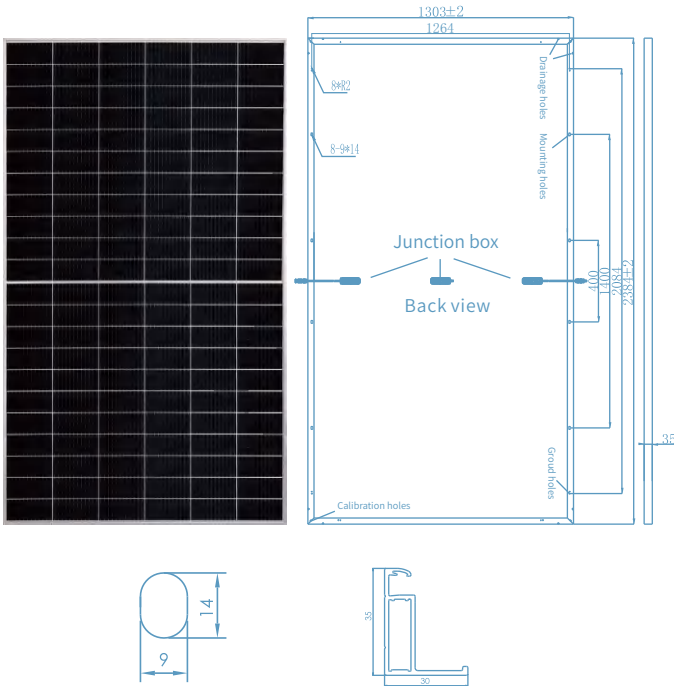
12 12 Year Product Warranty **25** 25 Year Linear Power Warranty



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-670M66-HUV

Engineering Drawings



Electrical Characteristics

Power level	650	655	660	665	670
Pmax (W)	650	655	660	665	670
Vmp (V)	37.51	37.67	37.83	38.00	38.16
Imp (A)	17.33	17.39	17.45	17.50	17.56
Voc (V)	45.34	45.49	45.64	45.80	45.97
Isc (A)	18.38	18.44	18.50	18.55	18.61
Module efficiency (%)	20.92	21.08	21.24	21.40	21.56
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				

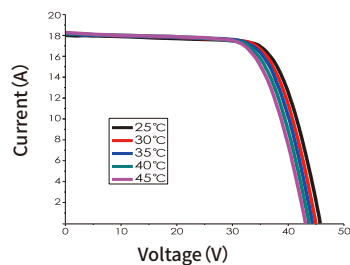
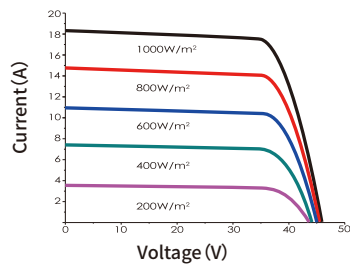
STC:Irradiance 1000W/m²,module temperature 25°C, AM=1.5

Working Characteristics

Power level	650	655	660	665	670
Pmax (W)	492	495	499	503	507
Vmp (V)	34.70	34.79	34.95	35.13	35.29
Imp (A)	14.18	14.23	14.28	14.32	14.37
Voc (V)	42.17	42.31	42.45	42.60	42.76
Isc (A)	15.04	15.09	15.14	15.18	15.23
Power tolerance (%)	0~+3				
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	132pcs
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)	2384*1303*35
Weight (kg)	32.9
Cables/connectors	4mm ² , MC4 compatible
Length of Cabel	Portrait: +300mm/-300mm

Packing Configuration

Pieces per pallet	31
Size of packing (mm)	1350*1130*2515
Weight of packing (kg)	1068
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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Specifications included in this datasheet are subject to change without notice.



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