

AURORA SERIES

MONO PREC
132-cell MODULE BIFACIAL

EG-670M66-HU/BF-DG

650~670W

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 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

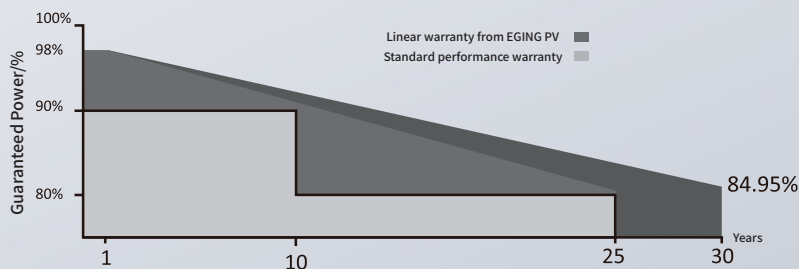


PID Resistant

Excellent PID resistance performance optimized by unique structural design

LINEAR PERFORMANCE WARRANTY

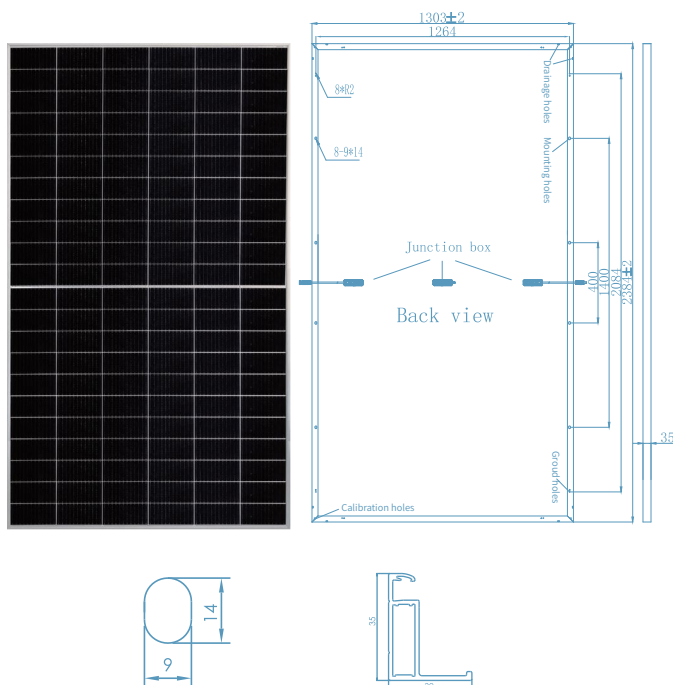
12 12 Year Product Warranty **30** 30 Year Linear Power Warranty



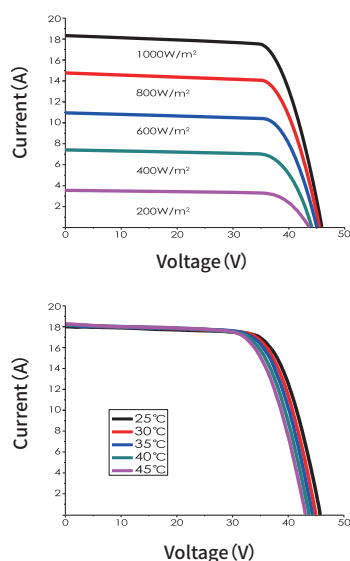
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

EG-670M66-HU/BF-DG

Engineering Drawings



I-V Curves



Packing Configuration

Pieces per pallet	31
Size of packing (mm)	1350*1130*2510
Weight of packing (kg)	1235
Pieces per container	558
Size of container	40'HC

Electrical Characteristics

Power level	650	655	660	665	670
Pmax (W)	650	655	660	665	670
Vmp (V)	37.73	37.89	38.04	38.22	38.38
Imp (A)	17.23	17.29	17.35	17.40	17.46
Voc (V)	45.56	45.71	45.85	46.02	46.20
Isc (A)	18.28	18.34	18.40	18.45	18.51
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

Bifacial Output-Backside Power Gain

	Pmax(W)	715	720	726	731	737
10%	Module efficiency (%)	23.02	23.18	23.37	23.53	23.73
20%	Pmax(W)	780	786	792	798	804
	Module efficiency (%)	25.11	25.30	25.50	25.69	25.88

Working Characteristics

Power level	650	655	660	665	670
Pmax (W)	492	495	499	503	507
Vmp (V)	34.90	34.99	35.15	35.33	35.48
Imp (A)	14.10	14.15	14.20	14.24	14.29
Voc (V)	42.37	42.51	42.64	42.80	42.97
Isc (A)	14.96	15.01	15.06	15.10	15.15
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	132pcs
Size of cell (mm)	210*105
Type of cell	Mono
Thickness of glass (mm)	2.0
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	2384*1303*35
Weight (kg)	38.3
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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