

AURORA PLUS SERIES HJT 132-cell MODULE BIFACIAL

EG-NH66-HU/BF-DG

715~745W

0~3% POSITIVE TOLERANCE

KEY FEATURES



0 BB HJT cell Design
0 BB cell brings better aesthetic design and HJT technology ensures higher power output



Low Degradation
Adopt HJT cell technology, lower LID and PID degradation, significantly increased on generation performance



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



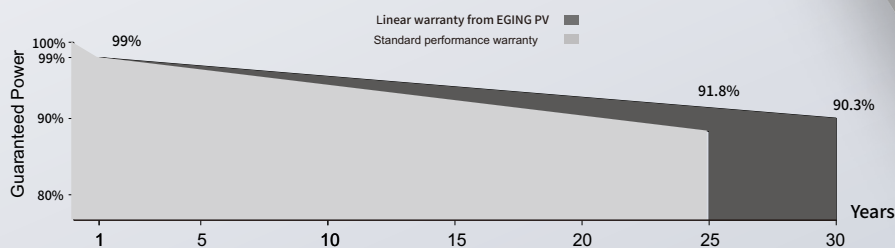
High Bifacial Factor
HJT cell with a symmetrical structure has an extremely high power bifacial coefficient.



Stable Temperature Coefficient
HJT cell technology allows for great performance at high temperatures

LINEAR PERFORMANCE WARRANTY

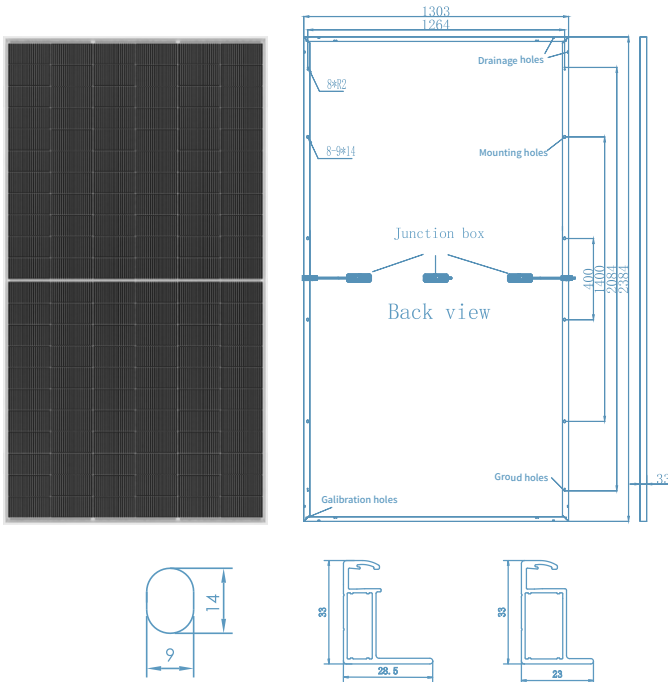
15 15 Year Product Warranty **30** 30 Year Linear Power Warranty



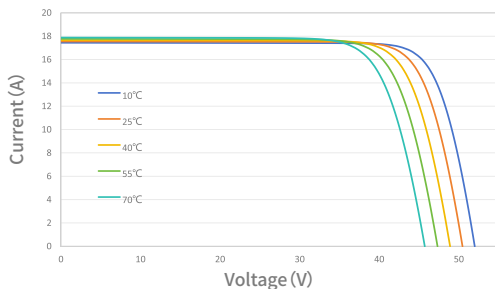
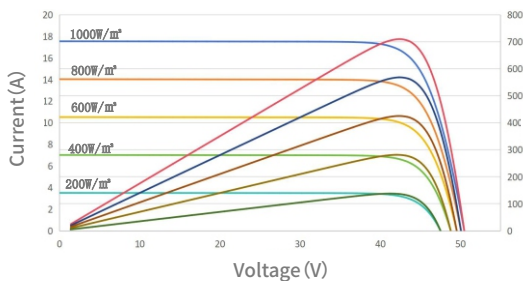
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

EG-NH66-HU/BF-DG

Engineering Drawings



I-V Curves(730W)



Packing Configuration

Pieces per pallet	33
Size of packing (mm)	1315*1095*2515
Weight of packing (kg)	1302
Pieces per container	594
Size of container	40' HC

Electrical Characteristics

Power level	715	720	725	730	735	740	745
Pmax (W)	715	720	725	730	735	740	745
Vmp (V)	42.04	42.11	42.18	42.25	42.31	42.37	42.43
Imp (A)	17.03	17.12	17.21	17.30	17.39	17.48	17.57
Voc (V)	50.13	50.21	50.29	50.37	50.44	50.51	50.58
Isc (A)	18.12	18.21	18.30	18.39	18.48	18.57	18.66
Module efficiency (%)	23.0	23.2	23.3	23.5	23.7	23.8	24.0
Maximum system voltage (V)	1500						
Fuse Rating (A)	35						
Temperature coefficient Pmax (%/°C)	-0.24						
Temperature coefficient Isc (%/°C)	0.04						
Temperature coefficient Voc (%/°C)	-0.22						

STC:Irradiance 1000W/m²,module temperature 25°C,AM=1.5
 Bifacial Output-Backside Power Gain

10%	Pmax(W)	787	792	798	803	809	814	820
	Module efficiency (%)	25.3	25.5	25.7	25.9	26.0	26.2	26.4
20%	Pmax(W)	858	864	870	876	882	888	894
	Module efficiency (%)	27.6	27.8	28.0	28.2	28.4	28.6	28.8

Working Characteristics

Power level	715	720	725	730	735	740	745
Pmax (W)	550	553	557	560	564	568	572
Vmp (V)	39.58	39.65	39.72	39.78	39.84	39.90	39.96
Imp (A)	13.89	13.96	14.03	14.10	14.17	14.24	14.31
Voc (V)	47.84	47.92	48.00	48.08	48.16	48.24	48.32
Isc (A)	14.61	14.68	14.75	14.82	14.90	14.97	15.04
Power tolerance (%)	0~+3						
NOCT (°C)	44±2						

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

Working Characteristics (BNPI)

Pmax (W)	802	807	813	819	824	830	836
Voc (V)	50.13	50.21	50.29	50.37	50.44	50.51	50.58
Isc (A)	20.32	20.42	20.52	20.62	20.73	20.83	20.93
Tolerance (%)	Pmax: ±3% Binning: ±5W Voc: ±5% Isc: ±5%						

BNPI:Front Irradiance1000W/m²,Rear Irradiance 135W/m², module temperature25°C, AM=1.5
 Bifaciality:Pmax90%±10%,φVoc98%±2%,φIsc90%±10%

Mechanical Characteristics

Number of cells	132pcs
Size of cell (mm)	210*105
Type of cell	HJT
Thickness of glass (mm)	2.0
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	2384*1303*33
Weight (kg)	38
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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