

AURORA Ultra SERIES

132-cell MODULE BIFACIAL

EG-TB66-HRc/BF-DG

640~670W

0~3% POSITIVE TOLERANCE

KEY FEATURES



BC Technology

Lower temperature coefficient, Better resistance to shadow



High Efficiency

Higher power output, Lower BOS cost



Micro crack Resistance

Ribbon is interconnected like "—", Lower stress, Better mechanical properties



Aesthetics

The front grid-free design, Without ribbon shading, More aesthetic values

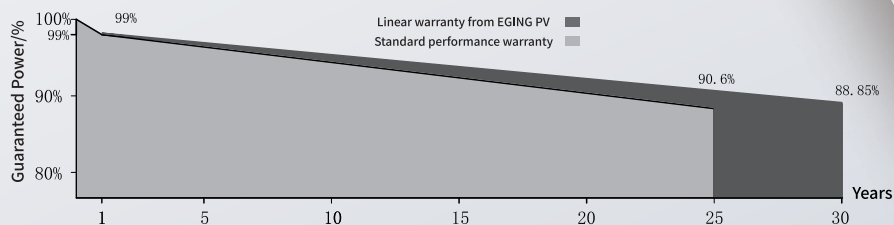
LINEAR PERFORMANCE WARRANTY



15 Year Product Warranty



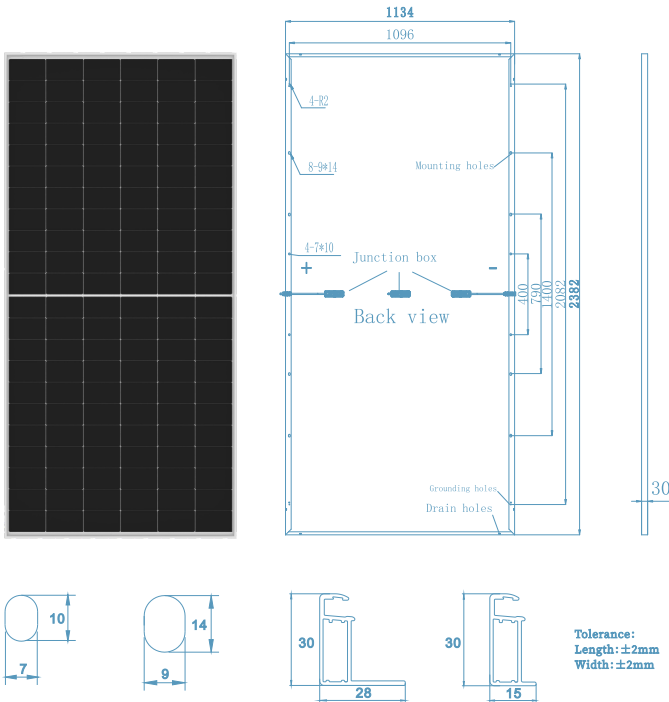
30 Year Linear Power Warranty



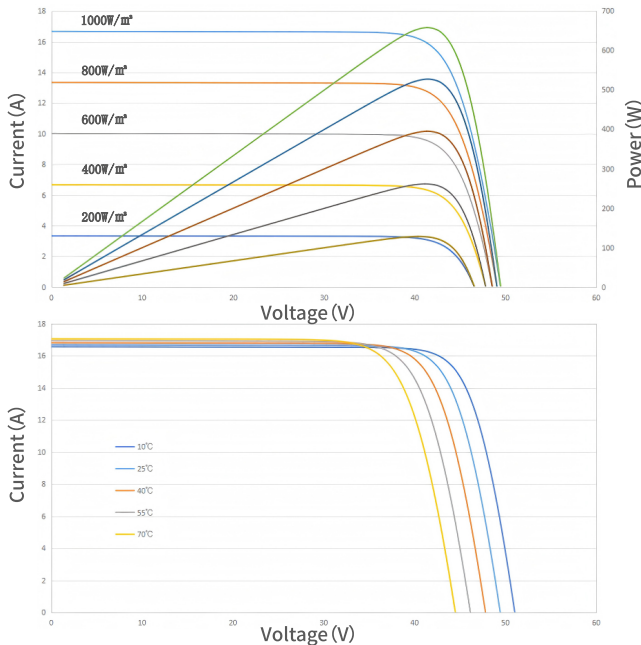
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

EG-TB66-HRc/BF-DG

Engineering Drawings



I-V Curves(655W)



Packing Configuration

Pieces per Pallet	36
Size of Packing (mm)	2390*1135*1255
Weight of Packing (kg)	1249
Pieces per Container	720
Size of Container	40'HC

Electrical Characteristics(STC)

Test uncertainty for Pmax: ±3%

Power Level	640	645	650	655	660	665	670
Pmax (W)	640	645	650	655	660	665	670
Vmp (V)	41.85	41.95	42.05	42.15	42.26	42.36	42.47
Imp (A)	15.30	15.38	15.46	15.54	15.62	15.70	15.78
Voc (V)	49.15	49.25	49.35	49.45	49.55	49.65	49.75
Isc (A)	16.46	16.53	16.60	16.67	16.74	16.81	16.88
Module Efficiency (%)	23.7	23.9	24.1	24.2	24.4	24.6	24.8
Maximum System Voltage (V)	1500						
Fuse Rating (A)	35						
Temperature Coefficient Pmax (%/°C)	-0.26						
Temperature Coefficient Isc (%/°C)	0.05						
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)	704	710	715	721	726	732	737
	Module Efficiency (%)	26.1	26.3	26.5	26.7	26.9	27.1	27.3
20%	Pmax(W)	768	774	780	786	792	798	804
	Module Efficiency (%)	28.4	28.7	28.9	29.1	29.3	29.5	29.8

Working Characteristics(NOCT)

Power Level	640	645	650	655	660	665	670
Pmax (W)	490	494	498	501	505	508	512
Vmp (V)	38.85	38.95	39.05	39.15	39.25	39.35	39.44
Imp (A)	12.63	12.68	12.74	12.79	12.84	12.90	12.95
Voc (V)	46.75	46.85	46.95	47.05	47.15	47.25	47.34
Isc (A)	13.29	13.34	13.40	13.45	13.50	13.56	13.62
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)	700	706	711	717	722	728	733
Voc (V)	49.15	49.26	49.36	49.47	49.56	49.67	49.76
Isc (A)	18.02	18.09	18.17	18.25	18.32	18.40	18.48
Tolerance (%)	Pmax: ±3% Binning: ±5W Voc: ±5% Isc: ±5%						

 BNPI: Front Irradiance 1000W/m², Rear Irradiance 135W/m², module temperature 25°C, AM=1.5
 Bifaciality: Pmax 70% ± 10%, ϕ Voc 98% ± 2%, ϕ Isc 70% ± 10%

Mechanical Characteristics

Number of Cells	132pcs
Size of Cell (mm)	182*105
Type of Cell	N-type Mono
Front Glass/Back Glass (mm)	2.0/2.0
Type of Frame	Anodized aluminum alloy
Junction Box	IP68
Size of Module (mm)	2382*1134*30
Weight (kg)	33.3
Cables/Connectors	4mm², MC4 compatible
Length of Cable	+300mm/-300mm (connector included)

Remark: customized frame color and cable length available upon request

Maximum Ratings

Operating Temperature (°C)	-40~85
Operating Humidity (%RH)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s


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 The specific content of the product warranty refers to Eging's latest warranty.