

AURORA Pro SERIES N-TOPCon 132-cell MODULE BIFACIAL

EG-710NT66-HU/BF-DG

690~710W

0~3% POSITIVE TOLERANCE

KEY FEATURES



SMBB cell design
Super multi Busbar cells brings lower resistance and increased Busbar reflectance ensures higher power output



Low degradation
Adopt N-Type TOPCon cell technology, lower degradation and better temperature co-efficiency, greatly increased on generation performance



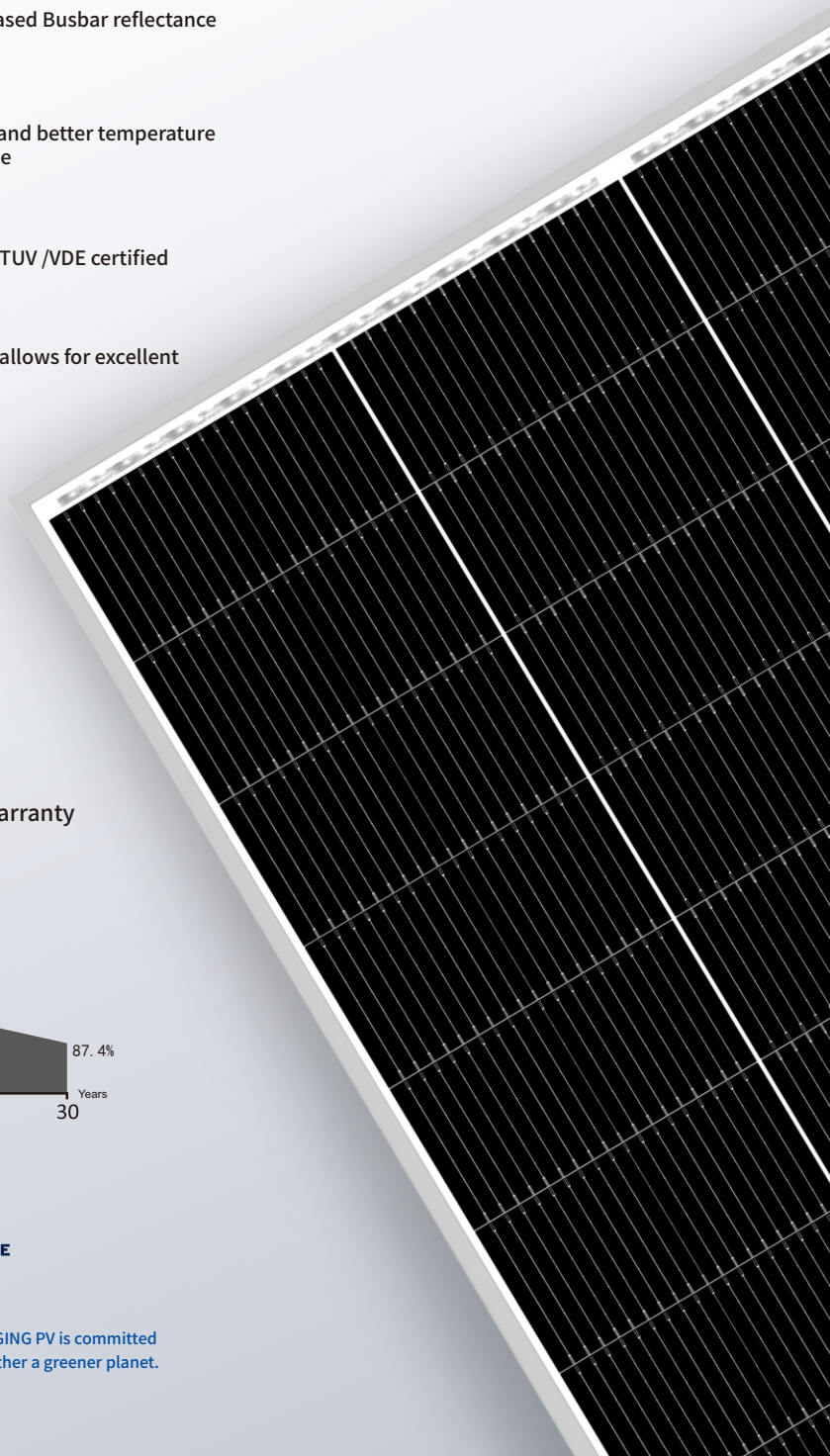
High Reliability
Strict in-house testing in PV Lab which is CNAS approved & TUV /VDE certified



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

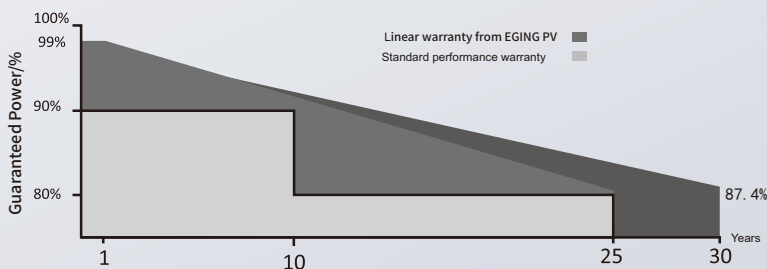


PID Resistant
Excellent PID resistance performance optimized by unique structural design



LINEAR PERFORMANCE WARRANTY

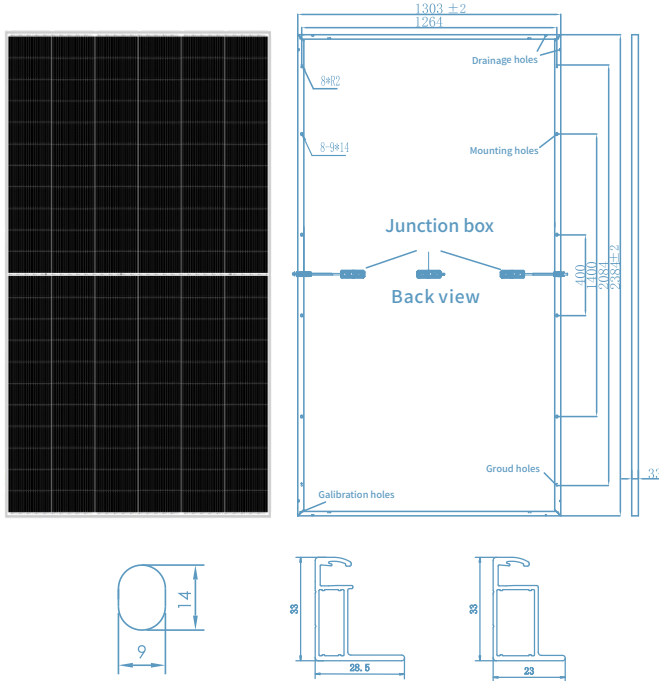
15 15 Year Product Warranty **30** 30 Year Linear Power Warranty



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.

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Engineering Drawings



Electrical Characteristics

Power level	690	695	700	705	710
Pmax (W)	690	695	700	705	710
Vmp (V)	40.05	40.27	40.47	40.66	40.86
Imp (A)	17.23	17.26	17.30	17.34	17.38
Voc (V)	47.84	48.05	48.25	48.46	48.68
Isc (A)	18.26	18.29	18.33	18.38	18.42
Module efficiency (%)	22.2	22.4	22.5	22.7	22.9
Maximum system voltage (V)	1500				
Fuse Rating (A)	30				
Temperature coefficient Pmax (%/°C)	-0.29				
Temperature coefficient Isc (%/°C)	0.04				
Temperature coefficient Voc (%/°C)	-0.24				

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

Bifacial Output-Backside Power Gain

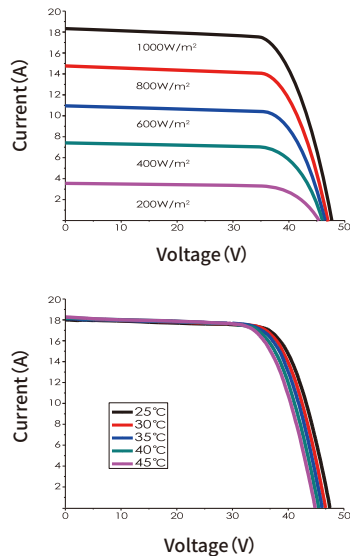
	Pmax(W)	759	765	770	776	781
10%	Module efficiency (%)	24.4	24.6	24.8	25.0	25.1
20%	Pmax(W)	828	834	840	846	852
	Module efficiency (%)	26.7	26.9	27.0	27.2	27.4

Working Characteristics

Power level	690	695	700	705	710
Pmax (W)	523	527	531	534	538
Vmp (V)	37.40	37.60	37.70	37.90	38.10
Imp (A)	14.00	14.03	14.06	14.10	14.13
Voc (V)	45.20	45.40	45.60	45.80	46.00
Isc (A)	14.72	14.74	14.77	14.81	14.85
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	N-type Mono
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	4mm ² , MC4 compatible
Length of Cabel	Portrait: +300mm/-300mm

Packing Configuration

Pieces per pallet	33
Size of packing (mm)	1350*1130*2515
Weight of packing (kg)	1302
Pieces per container	594
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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CAUTION: All rights and explain reserved by EGING PV.
Specifications included in this datasheet are subject to change without notice.
The specific content of the product warranty refers to EGING's latest warranty.



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