

STAR Pro SERIES

N-TOPCon
64-cell MODULE

EG-NT32-HL/BF-DG

250~264W

0~3% POSITIVE TOLERANCE

KEY FEATURES



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



Flexible configuration
Mini size model design, suitable for a variety of fixed modes



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



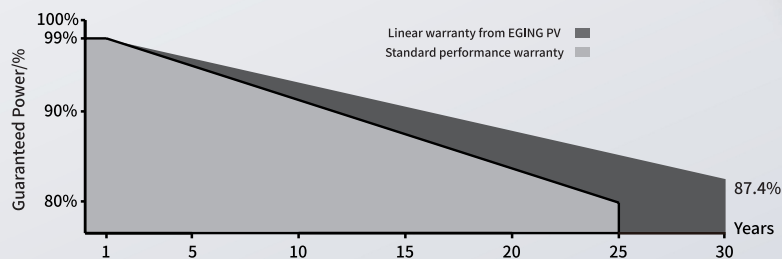
Excellent Low-light Performance
Advanced solar cell and glass surface texturing technology allows for excellent performance in low-light environments



PID Resistant
Excellent PID resistance performance optimized by unique structural design

LINEAR PERFORMANCE WARRANTY

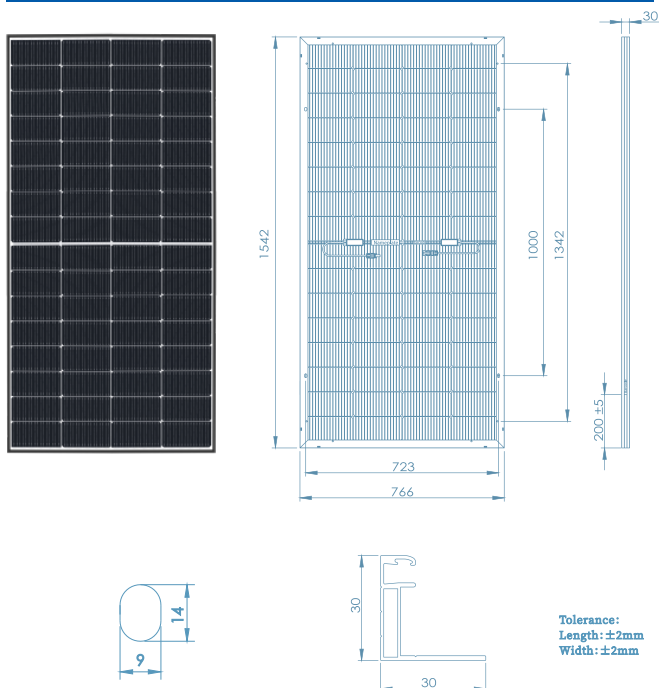
15 15 Year Product Warranty **30** 30 Year Linear Power Warranty



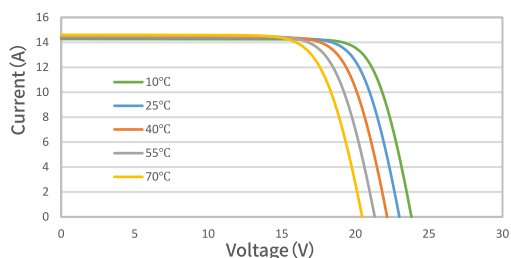
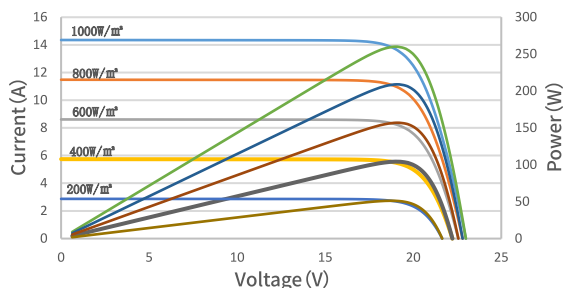
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

EG-NT32-HL/BF-DG

Engineering Drawings



I-V Curves(260W)



Packing Configuration

Pieces per Pallet	36
Size of Packing (mm)	1570*1118*887
Weight of Packing (kg)	505
Pieces per Container	1008
Size of Container	40' HC

Electrical Characteristics(STC)

Test uncertainty for Pmax: ±3%

Power Level	250	252	254	256	258	260	262	264
Pmax (W)	250	252	254	256	258	260	262	264
Vmp (V)	18.74	18.82	18.90	18.98	19.06	19.14	19.22	19.30
Imp (A)	13.34	13.39	13.44	13.49	13.54	13.59	13.64	13.69
Voc (V)	22.63	22.71	22.79	22.87	22.95	23.03	23.11	23.19
Isc (A)	14.07	14.12	14.17	14.22	14.27	14.32	14.37	14.42
Module Efficiency (%)	21.2	21.3	21.5	21.7	21.8	22.0	22.2	22.4
Maximum System Voltage (V)	1500							
Fuse Rating (A)	30							
Temperature Coefficient Pmax (%/°C)	-0.29							
Temperature Coefficient Isc (%/°C)	0.046							
Temperature Coefficient Voc (%/°C)	-0.24							

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

10%	Pmax(W)	275	277	279	282	284	286	288	290
	Module Efficiency (%)	23.3	23.5	23.7	23.8	24.0	24.2	24.4	24.6
20%	Pmax(W)	300	302	305	307	310	312	314	317
	Module Efficiency (%)	25.4	25.6	25.8	26.0	26.2	26.4	26.6	26.8

Working Characteristics

Power Level	250	252	254	256	258	260	262	264
Pmax (W)	190	191	193	194	196	197	199	200
Vmp (V)	17.6	17.7	17.8	17.9	17.9	18.0	18.1	18.1
Imp (A)	10.77	10.81	10.85	10.89	10.93	10.97	11.01	11.06
Voc (V)	21.4	21.5	21.6	21.7	21.7	21.8	21.9	22.0
Isc (A)	11.34	11.38	11.42	11.46	11.50	11.54	11.58	11.62
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)	277	279	281	283	286	288	290	292
Voc (V)	22.65	22.73	22.81	22.89	22.96	23.04	23.12	23.19
Isc (A)	15.59	15.64	15.70	15.76	15.81	15.87	15.92	15.98
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 80% ± 10%, Φ Voc 98% ± 2%, Φ Isc 80% ± 10%

Mechanical Characteristics

Number of Cells	64pcs
Size of Cell (mm)	182*91 & 182.2*91.875
Type of Cell	N-type Mono
Front Glass/Back Glass (mm)	1.6/1.6
Type of Frame	Anodized aluminum alloy
Junction Box	IP68
Size of Module (mm)	1542*766*30
Weight (kg)	13.1
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

Revised in March 2026 1st Edition*

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.



Tel: 86-519-82585880
Zip: 213213
Add: No.18, Jinwu Road, Jintan Dist,
Changzhou City, Jiangsu Province.
Email: marketing@egingpv.com
Web: www.egingpv.com