

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



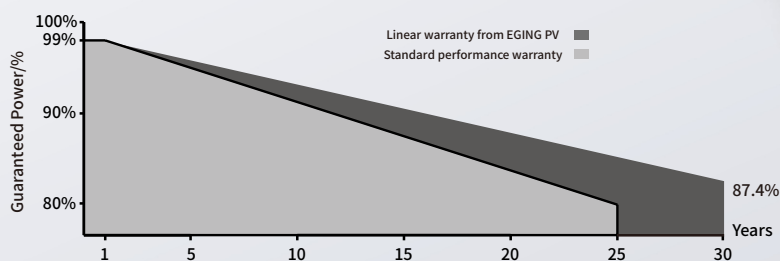
Excellent Low-light Performance
Advanced solar cell and glass surface texturing technology allows for excellent performance in low-light environments



PID Resistant
Excellent PID resistance performance optimized by unique structural design

LINEAR PERFORMANCE WARRANTY

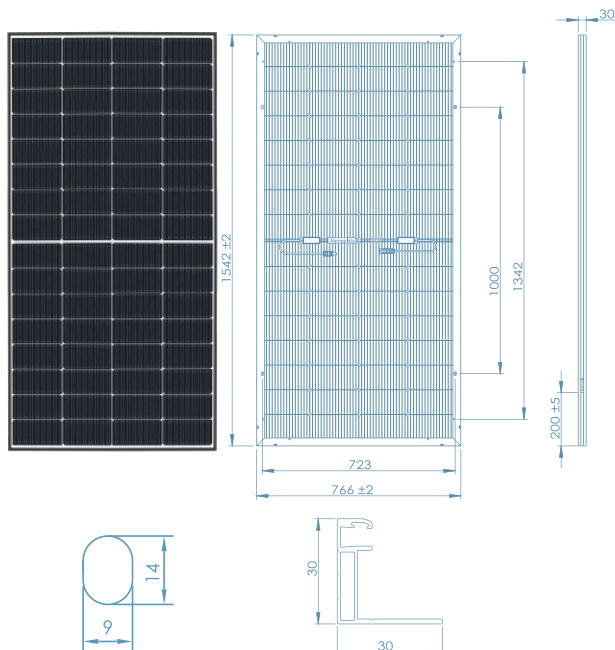
15 15 Year Product Warranty **30** 30 Year Linear Power Warranty



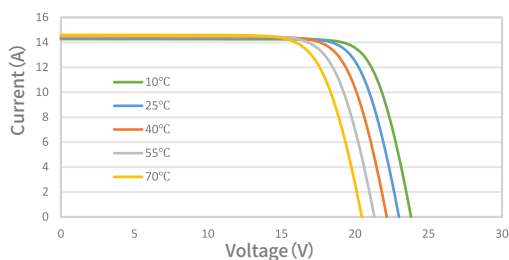
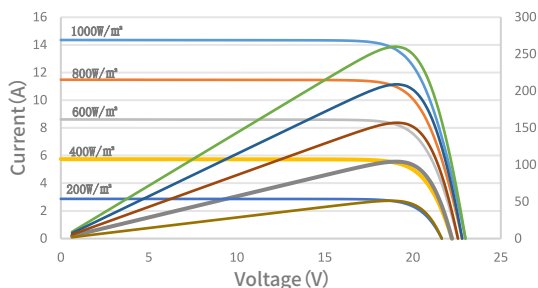
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

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

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 Irradiance1000W/m²,Rear Irradiance 135W/m², module temperature25°C, AM=1.5
Bifaciality:Pmax80%±10%,φVoc98%±2%,φIsc80%±10%

Mechanical Characteristics

Number of cells	64pcs
Size of cell (mm)	182*91
Type of cell	N-type Mono
Thickness of glass (mm)	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 Cabel	Portrait: +300mm/-300mm

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.