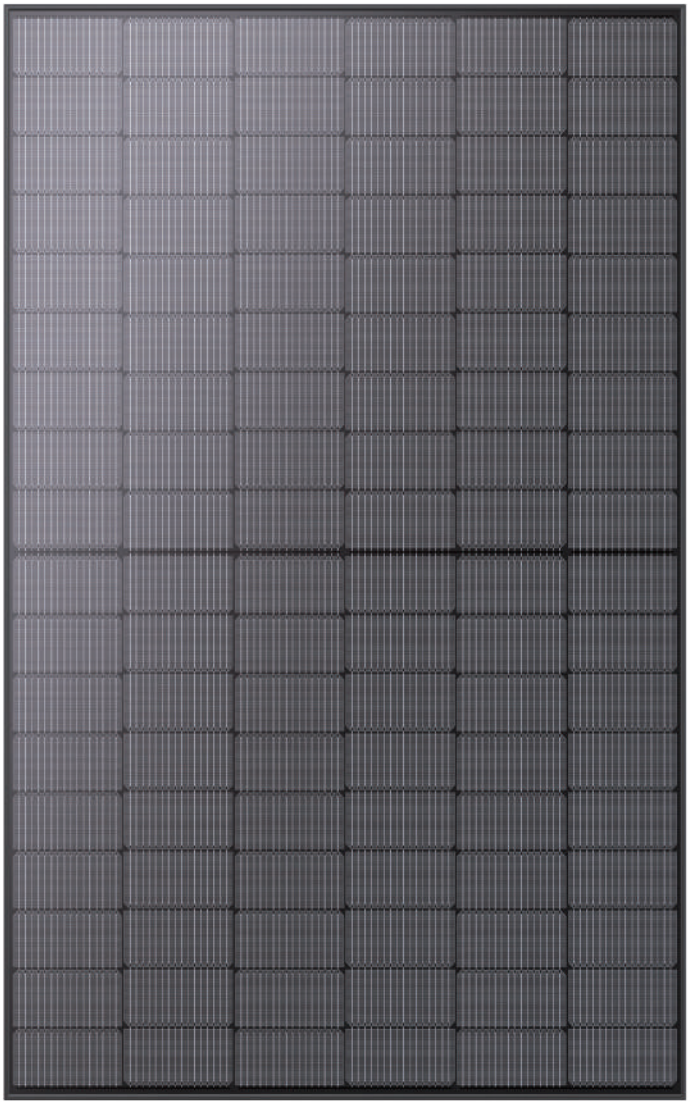
M/ET-PD-EN2024V2
info@elite-solar.com



ET-N754TBHGB
415W-435W

N-Type BIFACIAL MODULE

Modern Appearance
Sleek black design crafted for enhanced aesthetics and seamless integration into buildings.

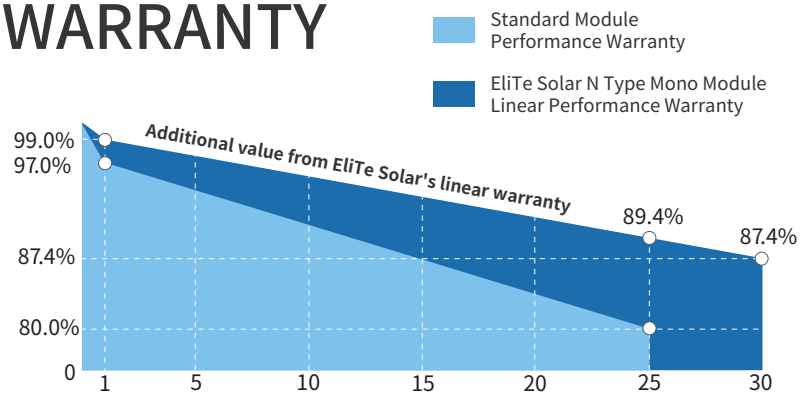
Increased module conversion efficiency
Module efficiency up to 22.3% achieved through advanced cell technology and manufacturing processes

ZERO LID (Light Induced Degradation)
N-type solar cells inherently lack Light Induced Degradation (LID), thereby enhancing power output.

Enhanced Low-Light Performance Response
Enhanced performance in low-light conditions, ensuring superior power output even amidst cloudy or foggy weather.

Enhanced Versatility
Smaller size optimized for irregular and complex terrain.

WARRANTY



1st year ⩽ 1%, 2nd~30th years ⩽ 0.40% / year

12 YEARS — Guarantee on product material and workmanship

30 YEARS — Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730

Intertek

TOP PERFORMER 2024 kiwa PVEL PV MODULE RELIABILITY SCORECARD

ELECTRICAL SPECIFICATIONS

Module Type	ET-N754TBH415GB		ET-N754TBH420GB		ET-N754TBH425GB		ET-N754TBH430GB		ET-N754TBH435GB	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P_{mp} (W)	415	312	420	316	425	320	430	323	435	327
Open Circuit Voltage -V_{oc} (V)	38.26	36.35	38.46	36.54	38.66	36.73	38.86	36.92	39.06	37.11
Short Circuit Current -I_{sc} (A)	13.45	10.85	13.52	10.91	13.58	10.96	13.65	11.02	13.72	11.07
Maximum Power Voltage -V_{mp} (V)	32.84	30.90	33.02	31.08	33.21	31.26	33.39	31.43	33.55	31.57
Maximum Power Current -I_{mp} (A)	12.64	10.10	12.72	10.17	12.8	10.24	12.88	10.28	12.97	10.36
Module Efficiency STC-η_m (%)	21.3%		21.5%		21.8%		22.0%		22.3%	
Power Tolerance (W)	0-+3%									
Pmax Temperature Coefficient	-0.30%/°C									
Voc Temperature Coefficient	-0.22%/°C									
Isc Temperature Coefficient	+0.042%/°C									
Fire Performance	Type 29(UL)									

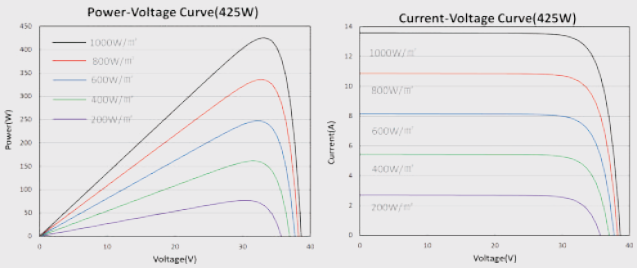
REAR SIDE POWER GAIN (ET-N754TBH425GB)

Power Gain	10%	15%	20%	25%
Maximum Power -P_{mp} (W)	468	489	510	531
Open Circuit Voltage -V_{oc} (V)	38.66	38.66	38.66	38.66
Short Circuit Current -I_{sc} (A)	14.79	15.47	16.12	16.78
Maximum Power Voltage -V_{mp} (V)	33.21	33.21	33.21	33.21
Maximum Power Current -I_{mp} (A)	14.1	14.73	15.36	15.99

MECHANICAL SPECIFICATIONS

External Dimension	1722 x 1134 x 30mm
Weight	24kg
Solar Cells	N Type 182 x 91 mm (108pcs)
Front Glass/Back Glass	2.0mm/2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length (Including Connector)	4.0 mm²(12AWG), Portrait:200mm(+)/400mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	80%±10%

CURVE



APPLICATION CONDITIONS

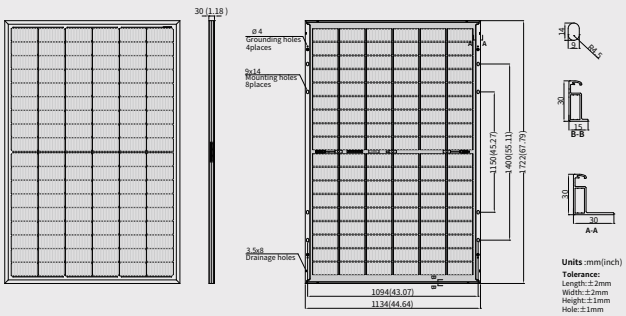
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40' HQ
Pieces per Pallet	36
Size of packing (mm)	1760*1130*1264
Weight of packing (kg)	903
Pieces per Container	936/756(NA)

PHYSICAL CHARACTERISTICS

Unit:mm



* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact EliTe Solar.

Note: The specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.
The NOCT is obtained under the Test Conditions: 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.
Please contact info@elite-solar.com for technical support. The actual transactions will be subject to the contracts. This parameter is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.