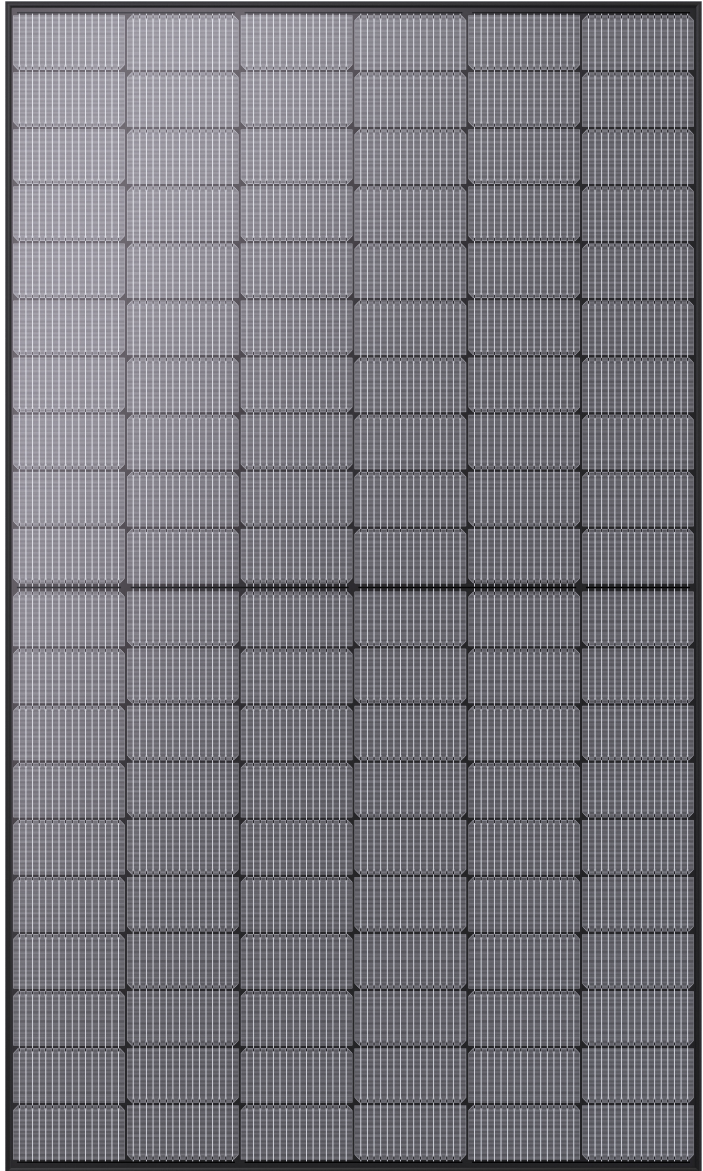




M/ET-PD-EN2024V2
info@elite-solar.com



ET-N760TBHGB
465W-485W

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 22.4% 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.

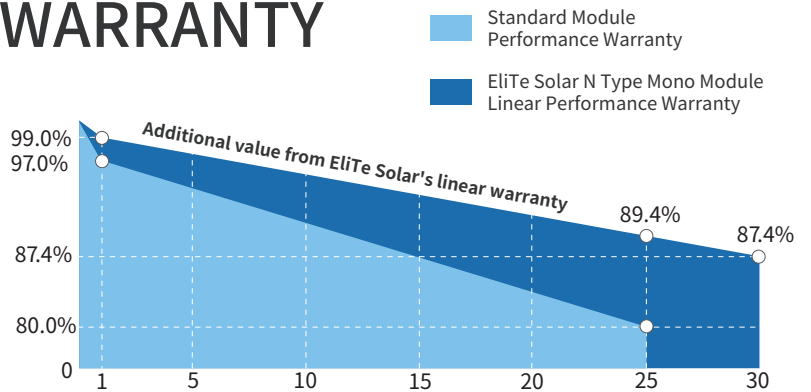


Enhanced Low-Light Performance Response
Enhanced performance in low-light conditions, ensuring superior power output even amidst cloudy or foggy weather.



Better Temperature Coefficient
Higher power generation under working conditions, thanks to passivating contact cell technology.

WARRANTY



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



Guarantee on product material and workmanship



Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730



ELECTRICAL SPECIFICATIONS

Module Type	ET-N760TBH465GB		ET-N760TBH470GB		ET-N760TBH475GB		ET-N760TBH480GB		ET-N760TBH485GB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	465	350	470	353	475	357	480	361	485	365
Open Circuit Voltage -V _{oc} (V)	42.67	40.54	42.87	40.73	43.07	40.92	43.27	41.11	43.47	41.30
Short Circuit Current -I _{sc} (A)	13.49	10.89	13.56	10.94	13.62	10.99	13.67	11.03	13.73	11.08
Maximum Power Voltage -V _{mp} (V)	36.65	34.49	36.81	34.65	36.97	34.80	37.13	34.95	37.28	35.10
Maximum Power Current -I _{mp} (A)	12.69	10.15	12.77	10.19	12.85	10.26	12.93	10.33	13.01	10.40
Module Efficiency STC-η _m (%)	21.5%		21.7%		22.0%		22.2%		22.4%	
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)									

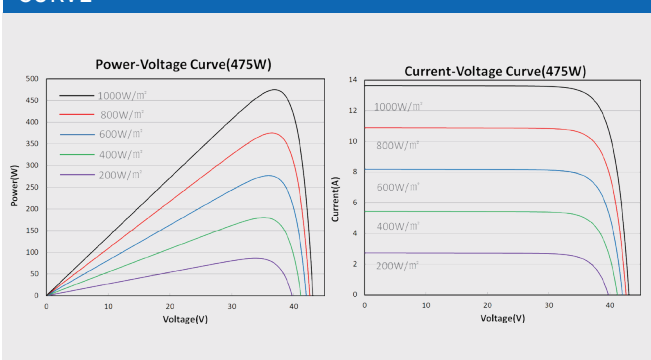
REAR SIDE POWER GAIN (ET-N760TBH475GB)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	523	546	570	594
Open Circuit Voltage -V _{oc} (V)	43.07	43.07	43.07	43.07
Short Circuit Current -I _{sc} (A)	14.83	15.49	16.17	16.85
Maximum Power Voltage -V _{mp} (V)	36.97	36.97	36.97	36.97
Maximum Power Current -I _{mp} (A)	14.15	14.77	15.42	16.07

MECHANICAL SPECIFICATIONS

External Dimension	1908 x 1134 x 30mm
Weight	27kg
Solar Cells	N Type 182 x 91 mm (120pcs)
Front Glass/Back Glass	2.0mm/2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length (Including Connector)	4.0 mm ² (12AWG), Portrait:200mm(+)/400mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	80%±10%

CURVE



APPLICATION CONDITIONS

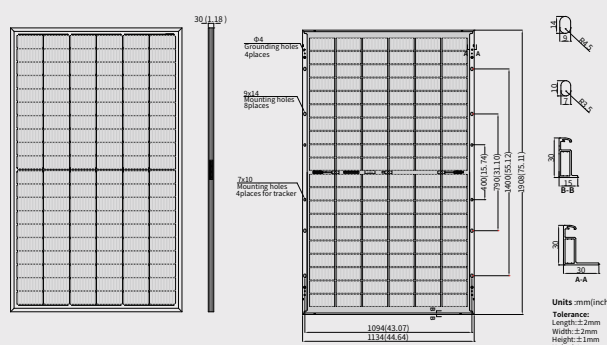
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40' HQ
Pieces per Pallet	36
Size of packing (mm)	1944*1130*1264
Weight of packing (kg)	1012
Pieces per Container	864/684(NA)

PHYSICAL CHARACTERISTICS

Unit:mm



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