EliTe Solar

M/ET-PD-EN2024V2

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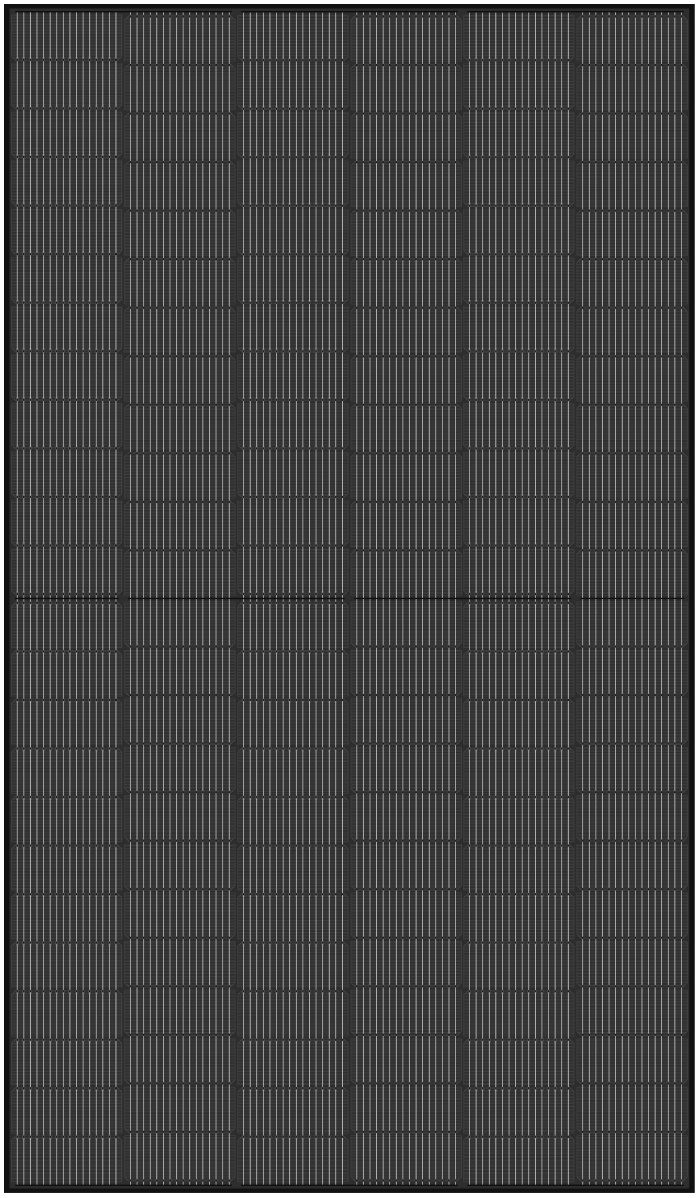


ET-N772TBHGB

560W-580W

N-Type BIFACIAL MODULE

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

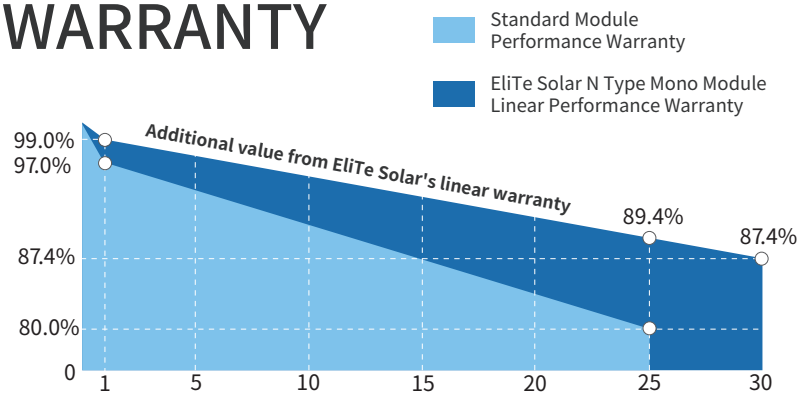
Increased module conversion efficiency
Module efficiency up to 22.5% achieved through advanced cell technology and manufacturing processes.

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

12 YEARS — Guarantee on product material and workmanship

30 YEARS — Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730

Intertek

CE

TOP PERFORMER 2024 kiwa PVEL PV MODULE RELIABILITY SCORECARD

ELECTRICAL SPECIFICATIONS

Module Type	ET-N772TBH560GB		ET-N772TBH565GB		ET-N772TBH570GB		ET-N772TBH575GB		ET-N772TBH580GB	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P_{mp} (W)	560	421	565	425	570	429	575	432	580	436
Open Circuit Voltage -V_{oc} (V)	51.28	48.72	51.48	48.91	51.68	49.10	51.88	49.29	52.08	49.48
Short Circuit Current -I_{sc} (A)	13.52	10.91	13.57	10.95	13.62	10.99	13.67	11.03	13.72	11.07
Maximum Power Voltage -V_{mp} (V)	44.03	41.44	44.21	41.60	44.38	41.78	44.55	41.92	44.72	42.09
Maximum Power Current -I_{mp} (A)	12.72	10.16	12.78	10.22	12.85	10.27	12.91	10.31	12.97	10.36
Module Efficiency STC-η_m (%)	21.7%		21.9%		22.1%		22.3%		22.5%	
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)									

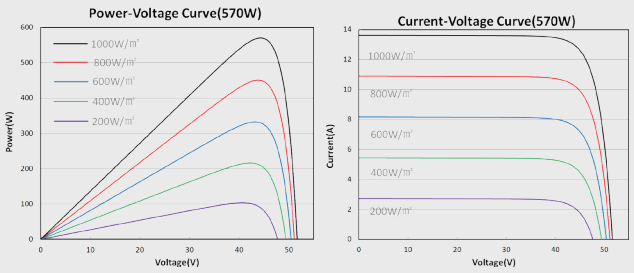
REAR SIDE POWER GAIN (ET-N772TBH570GB)

Power Gain	10%	15%	20%	25%
Maximum Power -P_{mp} (W)	627	656	684	713
Open Circuit Voltage -V_{oc} (V)	51.68	51.68	51.68	51.68
Short Circuit Current -I_{sc} (A)	14.82	15.51	16.17	17.48
Maximum Power Voltage -V_{mp} (V)	44.38	44.38	44.38	44.38
Maximum Power Current -I_{mp} (A)	14.13	14.78	15.41	16.67

MECHANICAL SPECIFICATIONS

External Dimension	2278 x 1134 x 30mm
Weight	32kg
Solar Cells	N Type 182 x 91 mm (144pcs)
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

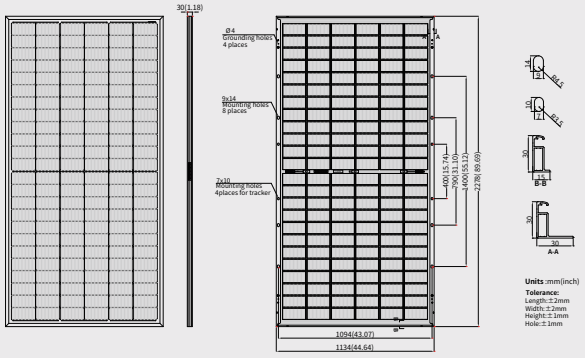
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40' HQ
Pieces per Pallet	36
Size of packing (mm)	2300*1130*1264
Weight of packing (kg)	1195
Pieces per Container	720/576(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.