EliTe Solar

M/ET-PD-EN2024V2
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ET-M772BHGL

540W-560W

PERC BIFACIAL MODULE

Increased Power Generation
Bifacial technology enables additional energy harvesting from rear side (up to 25%).

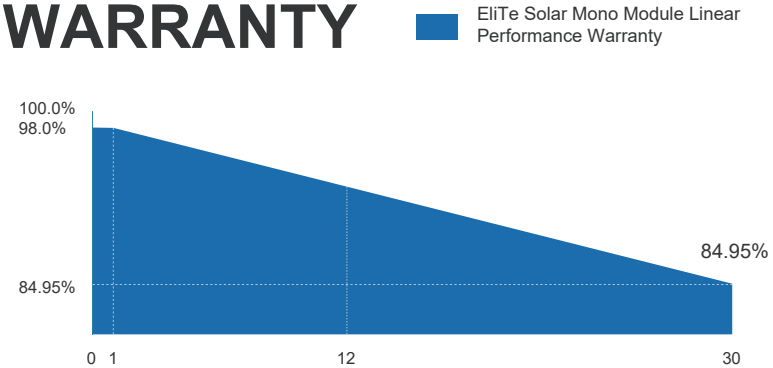
Increased Efficiency
Increased module conversion efficiency from half cut cell structure (low resistance characteristic，decreased mismatch loss).

Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

PID Resistance
Excellent Anti-PID performance guarantees limited power degradation for mass production.

Durability Against Extreme Environmental Conditions
Exceptional durability against salt mist and ammonia exposure.

WARRANTY



1st year ≤ 2%, 2nd~30th years ≤ 0.45% / year

12 YEARS — Guarantee on product material and workmanship

30 YEARS — Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730

ELECTRICAL SPECIFICATIONS

Module Type	ET-M772BH540GL		ET-M772BH545GL		ET-M772BH550GL		ET-M772BH555GL		ET-M772BH560GL	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P_{mp} (W)	540	405	545	409	550	413	555	417	560	421
Open Circuit Voltage -V_{oc} (V)	49.60	46.28	49.75	46.32	49.90	46.36	50.05	46.40	50.20	46.44
Short Circuit Current -I_{sc} (A)	13.86	11.46	13.93	11.54	14.00	11.62	14.07	11.70	14.14	11.78
Maximum Power Voltage -V_{mp} (V)	41.64	37.30	41.80	37.36	41.96	37.42	42.11	37.48	42.27	37.54
Maximum Power Current -I_{mp} (A)	12.97	10.86	13.04	10.94	13.11	11.03	13.18	11.12	13.25	11.21
Module Efficiency STC-η_m (%)	20.9%		21.1%		21.3%		21.5%		21.7%	
Power Tolerance (W)	0-+3%									
Pmax Temperature Coefficient	-0.360%/°C									
Voc Temperature Coefficient	-0.292%/°C									
Isc Temperature Coefficient	+0.044%/°C									
Fire Performance	Type 29(UL)									

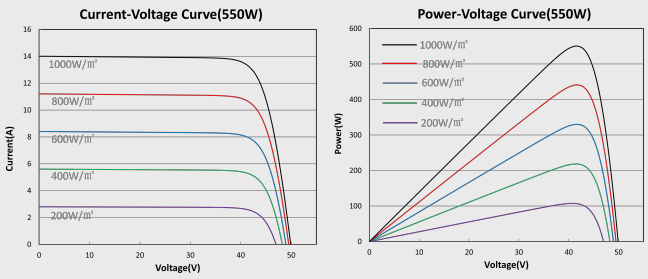
REAR SIDE POWER GAIN (ET-M772BH550GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P_{mp} (W)	605	633	660	688
Open Circuit Voltage -V_{oc} (V)	49.90	49.90	49.90	49.90
Short Circuit Current -I_{sc} (A)	15.24	15.97	16.64	17.34
Maximum Power Voltage -V_{mp} (V)	41.96	41.96	41.96	41.96
Maximum Power Current -I_{mp} (A)	14.42	15.09	15.73	16.40

MECHANICAL SPECIFICATIONS

External Dimension	2278 x 1134 x 30mm
Weight	32kg
Solar Cells	PERC Mono crystalline 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*	70%±10%

CURVE



APPLICATION CONDITIONS

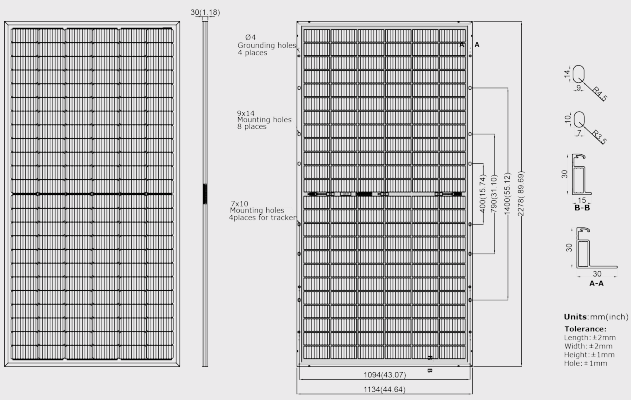
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40'HQ
Pieces per Pallet	36
Size of packing (mm)	2300*1130*1264
Weight of packing (kg)	1194
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 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.