



**ET-M772BHWWB**

**540W-560W**

PERC MODULE



#### Increased Efficiency

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



#### MBB Solar Cell

Revamped circuitry featuring reduced internal current distances, minimizing resistance losses.



#### PID Resistance

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



#### Severe Weather Resilience

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

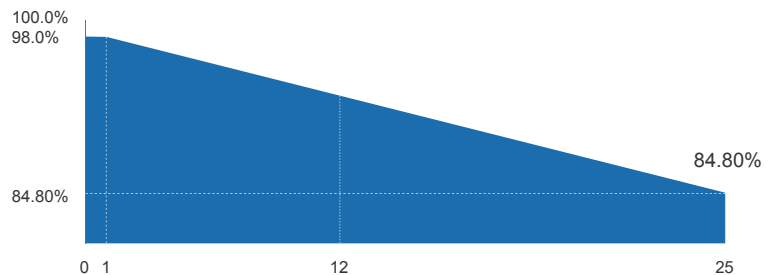


#### Durability Against Extreme Environmental Conditions

Exceptional durability against salt mist and ammonia exposure.

## WARRANTY

■ Elite Solar Mono Module  
Linear Performance Warranty



1st year  $\leq 2\%$ , 2nd~25th years  $\leq 0.55\%$  / year



Guarantee on product material and workmanship



Linear power output warranty

IEC61215  
IEC61730  
UL61215  
UL61730



## ELECTRICAL SPECIFICATIONS

Module Type	ET-M772BH540WW/WB	ET-M772BH545WW/WB	ET-M772BH550WW/WB	ET-M772BH555WW/WB	ET-M772BH560WW/WB
Maximum Power -P <sub>mp</sub> (W)	540	545	550	555	560
Open Circuit Voltage -V <sub>oc</sub> (V)	49.60	49.75	49.90	50.05	50.20
Short Circuit Current -I <sub>sc</sub> (A)	13.86	13.93	14.00	14.07	14.14
Maximum Power Voltage -V <sub>mp</sub> (V)	41.64	41.80	41.96	42.11	42.27
Maximum Power Current -I <sub>mp</sub> (A)	12.97	13.04	13.11	13.18	13.25
Module Efficiency STC-η <sub>m</sub> (%)	20.9%	21.1%	21.3%	21.5%	21.7%
Power Tolerance (W)	0+3%				
Pmax Temperature Coefficient	-0.340%/°C				
Voc Temperature Coefficient	-0.263%/°C				
Isc Temperature Coefficient	+0.054%/°C				
Fire Performance	Class C(IEC)/Type 1(UL)				

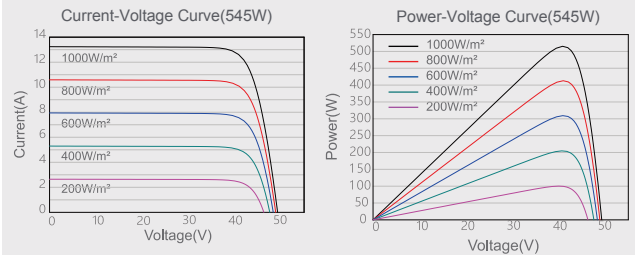
## ELECTRICAL SPECIFICATIONS(NOCT)

Module Type	ET-M772BH540WW/WB	ET-M772BH545WW/WB	ET-M772BH550WW/WB	ET-M772BH555WW/WB	ET-M772BH560WW/WB
Maximum Power -P <sub>mp</sub> (W)	405	409	413	417	421
Open Circuit Voltage -V <sub>oc</sub> (V)	46.28	46.32	46.36	46.40	46.44
Short Circuit Current -I <sub>sc</sub> (A)	11.46	11.54	11.62	11.70	11.78
Maximum Power Voltage -V <sub>mp</sub> (V)	37.33	37.42	37.52	37.61	37.70
Maximum Power Current -I <sub>mp</sub> (A)	10.85	10.93	11.01	11.09	11.17

## MECHANICAL SPECIFICATIONS

External Dimension	2279 x 1134 x 33mm
Weight	27.5kg
Solar Cells	PERC Mono crystalline 182 x 91 mm (144pcs)
Front Glass	3.2mm AR coating tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length (Including Connector)	4.0 mm <sup>2</sup> (12AWG), Portrait:200mm(+)/400mm(-);Or customized
Connector	MC4 Compatible

## CURVE



## APPLICATION CONDITIONS

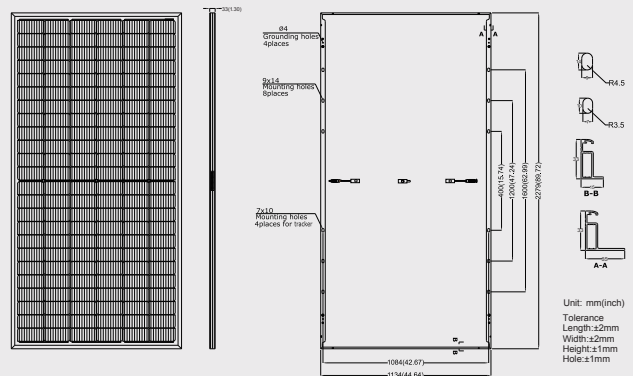
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

## PACKING MANNER

Container	40'HQ
Pieces per Pallet	33
Size of packing (mm)	2300*1130*1264
Weight of packing (kg)	949.5
Pieces per Container	660

## 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/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800 W/m<sup>2</sup>, 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact [info@elite-solar.com](mailto: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.