

ELITE PLUS

PERC BIFACIAL

PV MODULE

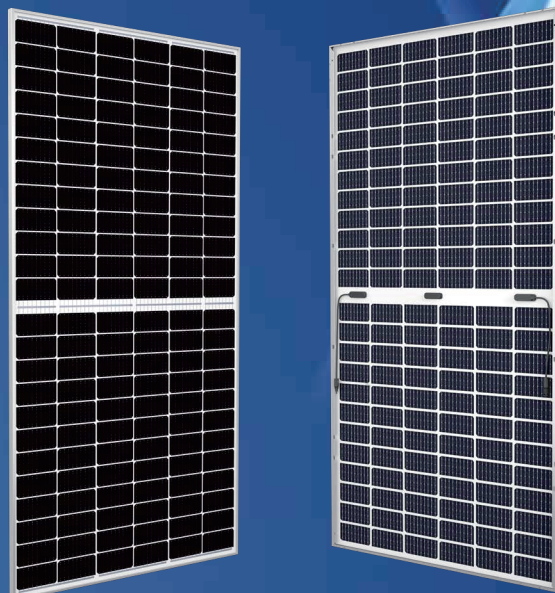
ET-M772BH530TW/TB 530W

ET-M772BH535TW/TB 535W

ET-M772BH540TW/TB 540W

ET-M772BH545TW/TB 545W

ET-M772BH550TW/TB 550W



KEY FEATURES



Enhanced safety by excellent fire resistance



Perfect for sandy, snowy and high latitude regions



Bifacial technology enables additional energy harvesting from rear side(up to 25%)

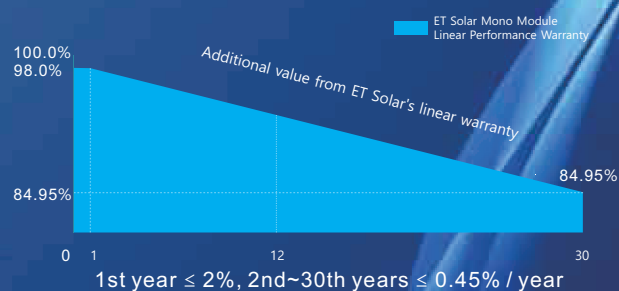


Lower operating temperature, more reliable



Cut cell, Less internal power loss, Less mismatch loss

WARRANTY



IEC61215
IEC61730
UL61215
UL61730



Guarantee on product material and workmanship



linear power output warranty



M/ET-PD-EN-EU2021V4

ELECTRICAL SPECIFICATIONS

Module Type	ET-M772BH530TW ET-M772BH530TB		ET-M772BH535TW ET-M772BH535TB		ET-M772BH540TW ET-M772BH540TB		ET-M772BH545TW ET-M772BH545TB		ET-M772BH550TW ET-M772BH550TB	
Maximum Power -P _{mp} (W)	530	398	535	401	540	405	545	409	550	413
Open Circuit Voltage -V _{oc} (V)	49.30	46.20	49.45	46.24	49.60	46.28	49.75	46.32	49.90	46.36
Short Circuit Current -I _{sc} (A)	13.72	11.29	13.79	11.38	13.86	11.46	13.93	11.54	14.00	11.62
Maximum Power Voltage -V _{mp} (V)	41.31	37.18	41.47	37.24	41.64	37.30	41.80	37.36	41.96	37.42
Maximum Power Current -I _{mp} (A)	12.83	10.69	12.90	10.77	12.97	10.86	13.04	10.94	13.11	11.03
Module Efficiency STC-η _m (%)	20.5%		20.7%		20.9%		21.1%		21.3%	
Power Tolerance (W)					(0 , +4.99)					
Pmax Temperature Coefficient					-0.340%/°C					
Voc Temperature Coefficient					-0.257%/°C					
Isc Temperature Coefficient					+0.052%/°C					
Fire Performance	Class C(IEC)/Type 1(UL)									

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5

REAR SIDE POWER GAIN (ET-M772BH535TW)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	589	615	642	669
Open Circuit Voltage -V _{oc} (V)	49.06	49.06	49.06	49.06
Short Circuit Current -I _{sc} (A)	15.13	15.81	16.50	17.19
Maximum Power Voltage -V _{mp} (V)	42.67	42.67	42.67	42.67
Maximum Power Current -I _{mp} (A)	13.79	14.42	15.05	15.68

MECHANICAL SPECIFICATIONS

External Dimension	2279 x 1134 x 35mm
Weight	28kg
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 ² (12AWG), Portrait:300mm(+)/400mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	70%±5%

APPLICATION CONDITIONS

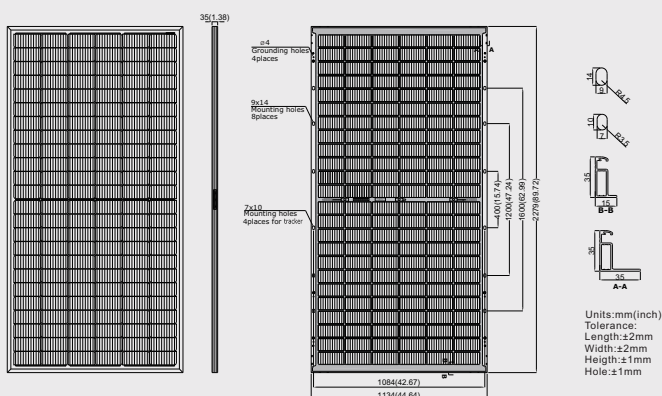
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40'HQ
Pieces per Pallet	31
Pallets per Container	20
Pieces per Container	620

PHYSICAL CHARACTERISTICS

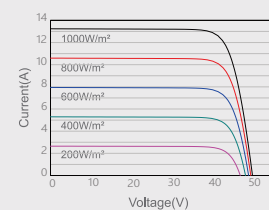
Unit:mm



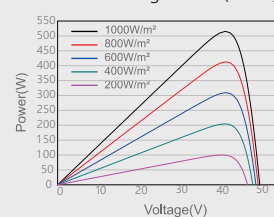
* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact ET Solar.

CURVE

Current-Voltage Curve (530W)



Power-Voltage Curve (530W)



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@etsolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.