



PERC BIFACIAL

PV MODULE

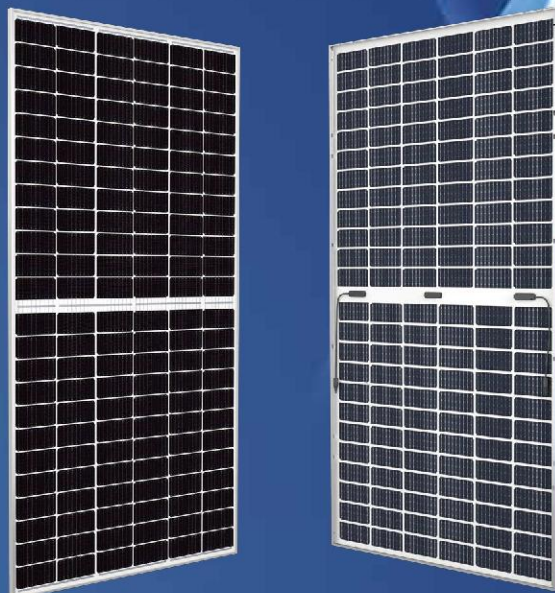
ET-M772BH530TW/TB 530W

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%)

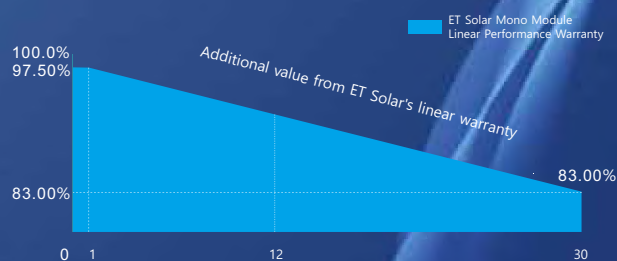


Lower operating temperature, more reliable



Cut cell, Less internal power loss, Less mismatch loss

WARRANTY



IEC61215
IEC61730
UL61215
UL61730



Guarantee on product material and workmanship



linear power output warranty

ET SOLAR
sales@etsolar.gr



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
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(TUV)									

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
Output Cables	4.0 mm ² (12AWG), Portrait:300mm(+)/400mm(-);Or customized
Connector	MC4 Compatible

APPLICATION CONDITIONS

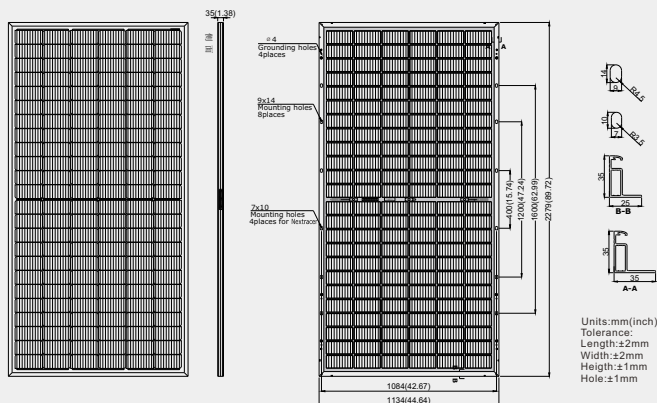
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

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

PHYSICAL CHARACTERISTICS

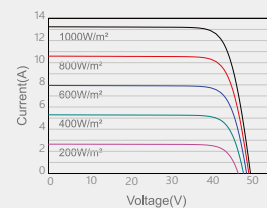
Unit:mm



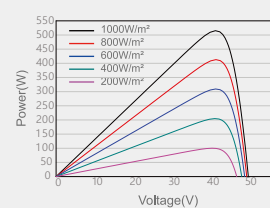
* The above drawing is a graphical representation of the product. For engineering quality drawings please contact ET Solar.

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 sales@etsolar.gr 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.