



PERC BIFACIAL PV MODULE

ET-M772BH525TW/TB 525W

ET-M772BH530TW/TB 530W

ET-M772BH535TW/TB 535W

ET-M772BH540TW/TB 540W

ET-M772BH545TW/TB 545W



FRONT



BACK

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%)

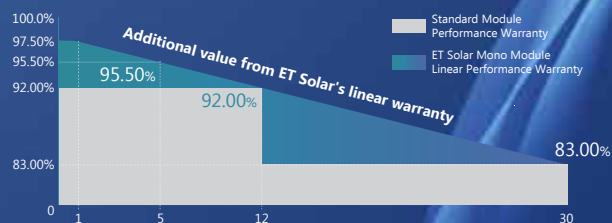


Lower operating temperature, more reliable



Cut cell, Less internal power loss, Less mismatch loss

LINEAR PERFORMANCE WARRANTY



IEC 61215
IEC 61730
UL 61215
UL 61730



Guarantee on product material and workmanship



linear power output warranty

ET SOLAR

support@etsolar.hk



M/ET-PD-EN-EU2020V1

ELECTRICAL SPECIFICATIONS

Module Type	ET-M772BH525TW ET-M772BH525TB		ET-M772BH530TW ET-M772BH530TB		ET-M772BH535TW ET-M772BH535TB		ET-M772BH540TW ET-M772BH540TB		ET-M772BH545TW ET-M772BH545TB	
STC/ NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	525	349	530	398	535	391	540	405	545	409
Open Circuit Voltage -V _{oc} (V)	48.90	46.16	48.98	46.20	49.06	46.24	49.14	46.28	49.22	46.24
Short Circuit Current -I _{sc} (A)	13.55	11.20	13.65	11.29	13.75	11.38	13.85	11.46	13.95	11.54
Maximum Power Voltage -V _{mp} (V)	42.37	37.12	42.52	37.18	42.67	37.24	42.82	37.30	42.86	37.36
Maximum Power Current -I _{mp} (A)	12.39	10.61	12.46	10.69	12.54	10.77	12.61	10.86	12.72	10.94
Module Efficiency STC-η _m (%)	20.0%		20.2%		20.3%		20.5%		20.7%	
Power Tolerance (W)					(0 , +4.99)					
Pmax Temperature Coefficient					-0.350%/°C					
Voc Temperature Coefficient					-0.290 %/°C					
Isc Temperature Coefficient					+0.048 %/°C					

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

REAR SIDE POWER GAIN (ET-M772BH535TW)

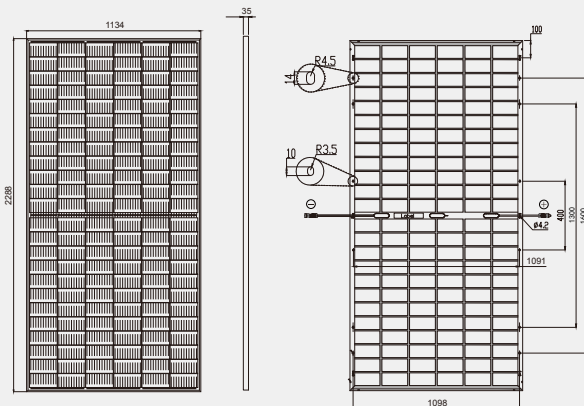
Power Gain	10%	15%	20%	25%
Maximum Power $-P_{mp}$ (W)	589	615	642	669
Open Circuit Voltage $-V_{oc}$ (V)	49.06	49.06	49.06	49.06
Short Circuit Current $-I_{sc}$ (A)	15.13	15.81	16.50	17.19
Maximum Power Voltage $-V_{mp}$ (V)	42.67	42.67	42.67	42.67
Maximum Power Current $-I_{mp}$ (A)	13.79	14.42	15.05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

MECHANICAL SPECIFICATIONS

External Dimension	2288 x 1134 x 35mm
Weight	30kg
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 , Portrait:350mm(+)/250mm(-) Or customized
Connector	MC4 Compatible

PHYSICAL CHARACTERISTICS

Unit:mm



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

APPLICATION CONDITIONS

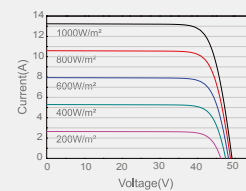
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Maximum Mechanical Load	Front 5400Pa, Back 2400Pa

PACKING MANNER

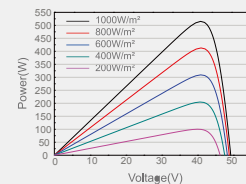
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	20
Pieces per Container	620

CURVE

Current-Voltage Curve (525W)



Power-Voltage Curve (525W)



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 support@etsolar.hk 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.