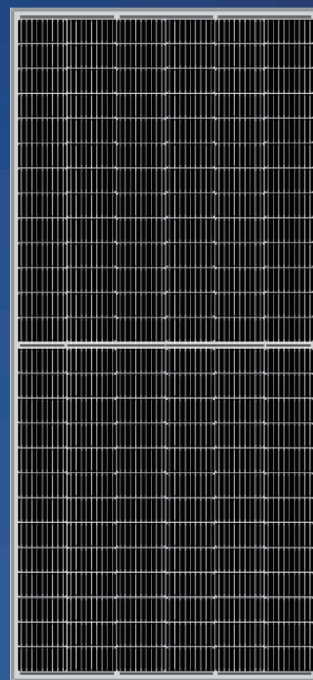


ELITE PLUS

PERC BIFACIAL PV MODULE

ET-M778BH580GL 580W
ET-M778BH585GL 585W
ET-M778BH590GL 590W
ET-M778BH595GL 595W
ET-M778BH600GL 600W



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

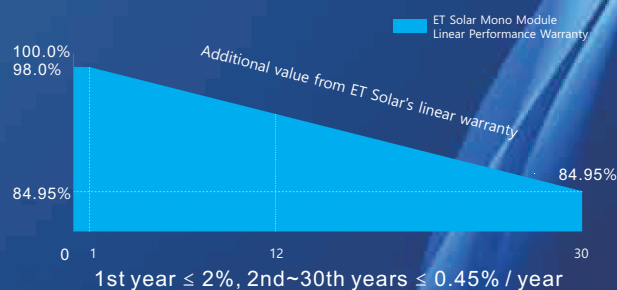


Cut cell, Less internal power loss, Less mismatch loss



Smart soldering(high density interconnect) Technology

WARRANTY



IEC61215
IEC61730
UL61215
UL61730



Munich RE



Guarantee on product
material and workmanship



linear power
output warranty

ET SOLAR
support@etsolar.hk

ET Solar
M/ET-PD-EN-EU2022V2

ELECTRICAL SPECIFICATIONS

Module Type	ET-M778BH580GL		ET-M778BH585GL		ET-M778BH590GL		ET-M778BH595GL		ET-M778BH600GL	
STC/ NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	580	433.1	585	436.9	590	440.6	595	444.3	600	448.1
Open Circuit Voltage -V _{oc} (V)	53.45	50.01	53.60	50.15	53.75	50.29	53.90	50.43	54.05	50.57
Short Circuit Current -I _{sc} (A)	13.78	11.13	13.84	11.18	13.89	11.23	13.94	11.28	14.00	11.33
Maximum Power Voltage -V _{mp} (V)	44.95	41.91	45.10	42.05	45.25	42.19	45.42	42.36	45.60	42.52
Maximum Power Current -I _{mp} (A)	12.91	10.34	12.98	10.39	13.04	10.44	13.10	10.49	13.16	10.54
Module Efficiency STC-η _m (%)	21.0%		21.2%		21.3%		21.5%		21.7%	
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 A(IEC)Type 29(UL)									

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

REAR SIDE POWER GAIN (ET-M778BH580GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	638	667	696	725
Open Circuit Voltage -V _{oc} (V)	53.45	53.55	53.55	53.55
Short Circuit Current -I _{sc} (A)	15.16	15.84	16.53	17.22
Maximum Power Voltage -V _{mp} (V)	44.95	45.05	45.05	45.05
Maximum Power Current -I _{mp} (A)	14.20	14.84	15.49	16.13

MECHANICAL SPECIFICATIONS

External Dimension	2439x 1134x 35mm
Weight	34kg
Solar Cells	PERC Mono crystalline 182 x 91 mm (156pcs)
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%±10%

APPLICATION CONDITIONS

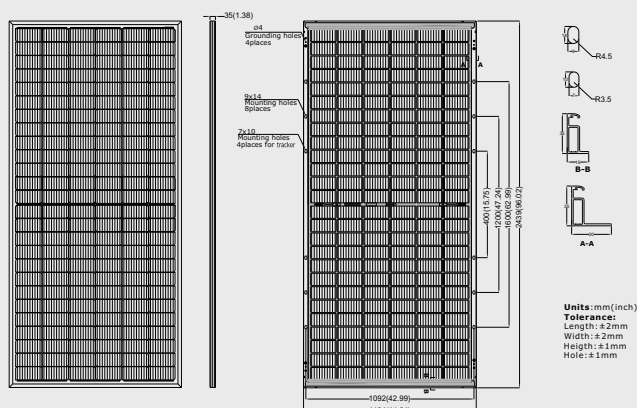
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~ +85 °C
Nominal Operating Cell Temperature	45±2 °C
Maximum Mechanical Load	Front 5400Pa, Back 2400Pa

PACKING MANNER

Container	40'HQ
Pieces per Pallet	31
Pallets per Container	16
Pieces per Container	496

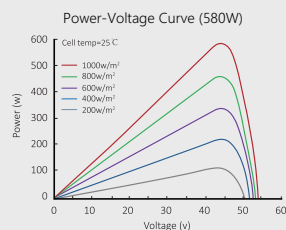
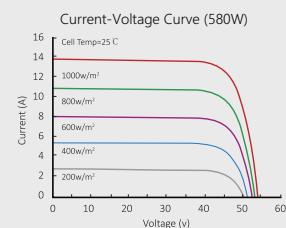
PHYSICAL CHARACTERISTICS

Unit:mm



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

CURVE



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.