

EliTe PLUS

PV MODULE

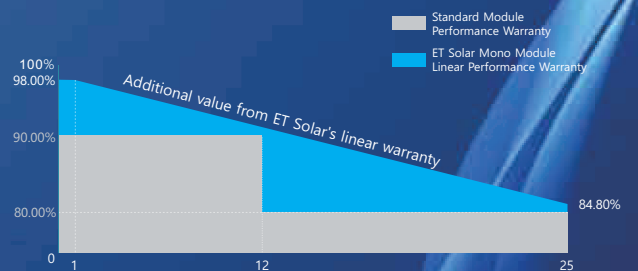
- ET-M766BH470BB 470W
- ET-M766BH475BB 475W
- ET-M766BH480BB 480W
- ET-M766BH485BB 485W
- ET-M766BH490BB 490W



KEY FEATURES

- 1500** High Voltage
 UL and IEC 1500V certified; lowers BOS costs and yields better
-  High Efficiency
 Higher module conversion efficiency benefit from half cell structure (low resistance characteristic).
-  PID Resistance
 Excellent Anti-PID performance guarantee limited power degradation for mass production.
-  THE-STATE-OF-THE-ART APPEARANCE
 Full black designed for a better aesthetic appearance and building integration.
-  Severe Weather Resilience
 Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).
-  Durability Against Extreme Environmental Conditions
 High salt mist and ammonia resistance certified by TUV SUD

WARRANTY



- 25** 25-years Linear Performance Warranty
- 12** 12-years Product Material & Workmanship
- 0.55** 1st year $\leq 2\%$, 2nd~25th years $\leq 0.55\%$ / year

IEC61215
IEC61730
UL61215
UL61730



Munich RE 

ET SOLAR
support@etsolar.hk

ET Solar
M/ET-PD-EN-EU2022V2

ELECTRICAL SPECIFICATIONS

Module Type	ET-M766BH470BB	ET-M766BH475BB	ET-M766BH480BB	ET-M766BH485BB	ET-M766BH490BB
Maximum Power -P _{mp} (W)	470	475	480	485	490
Open Circuit Voltage -V _{oc} (V)	44.81	44.94	45.07	45.20	45.33
Short Circuit Current -I _{sc} (A)	13.51	13.58	13.65	13.72	13.79
Maximum Power Voltage -V _{mp} (V)	37.26	37.44	37.62	37.81	37.99
Maximum Power Current -I _{mp} (A)	12.62	12.69	12.76	12.83	12.90
Module Efficiency STC-η _m (%)	19.8%	20.0%	20.2%	20.5%	20.7%
Power Tolerance (W)	(0, +4.99)				
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40~+85 °C				
Nominal Operating Cell Temperature	45±2 °C				

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

ELECTRICAL SPECIFICATIONS(NOCT)

Module Type	ET-M766BH470BB	ET-M766BH475BB	ET-M766BH480BB	ET-M766BH485BB	ET-M766BH490BB
Maximum Power -P _{mp} (W)	355	359	363	367	370
Open Circuit Voltage -V _{oc} (V)	41.91	42.04	42.17	42.30	42.43
Short Circuit Current -I _{sc} (A)	10.85	10.92	10.99	11.06	11.13
Maximum Power Voltage -V _{mp} (V)	35.40	35.49	35.58	35.67	35.76
Maximum Power Current -I _{mp} (A)	10.04	10.12	10.20	10.28	10.36

MECHANICAL SPECIFICATIONS

External Dimension	2094 x 1134 x 35mm
Weight	26kg
Solar Cells	PERC Mono crystalline 182 x 91 mm (132pcs)
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

APPLICATION CONDITIONS

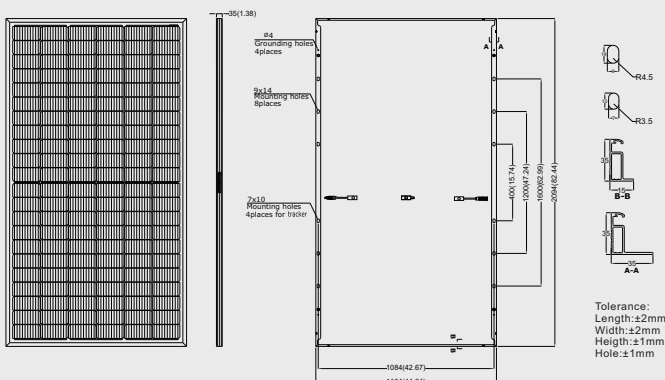
Pmax Temperature Coefficient	-0.340%/°C
Voc Temperature Coefficient	-0.263%/°C
Isc Temperature Coefficient	+0.054%/°C
Fire Performance	Class C(IEC)/Type 1(UL)

PACKING MANNER

Container	40'HQ
Pieces per Pallet	31
Pallets per Container	22
Pieces per Container	682

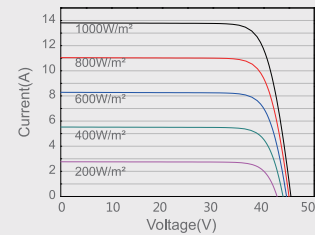
PHYSICAL CHARACTERISTICS

Unit:mm

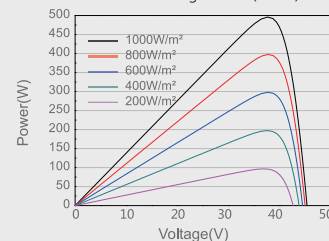


* The above drawing is a graphical representation of the product. For engineering quality drawings please contact ET Solar.

Current-Voltage Curve (495W)



Power-Voltage Curve (495W)



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.