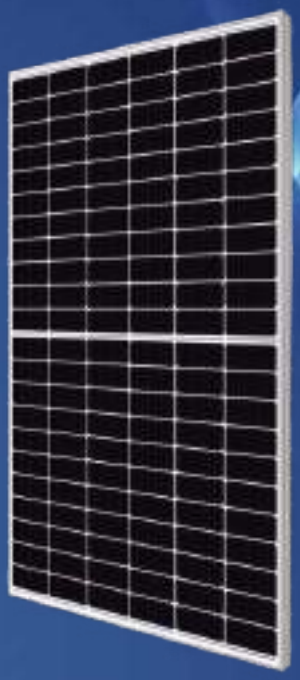
EliTe PLUS

PV MODULE

ET-M766BH485WW/WB 485W
ET-M766BH490WW/WB 490W
ET-M766BH495WW/WB 495W
ET-M766BH500WW/WB 500W
ET-M766BH505WW/WB 505W



KEY FEATURES

High Voltage
UL and IEC 1500V certified; lowers BOS costs and yields better LCOE

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.

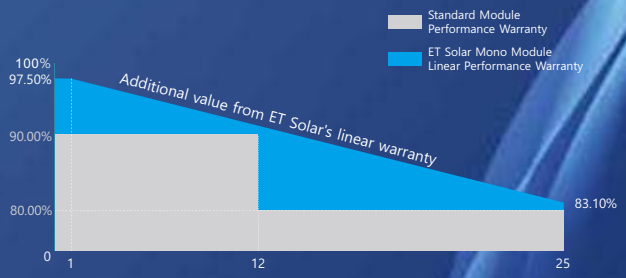
Low-light Performance
Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

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.

IEC61215
IEC61730
UL61215
UL61730

WARRANTY



25 25-years Linear Performance Warranty

12 12-years Product Material & Workmanship

0.6 0.6% Annual Degradation Over 25 years

ET SOLAR
support@etsolar.hk

ETECTRICAL SPECIFICATIONS

Module Type	ET-M766BH485WW ET-M766BH485WB	ET-M766BH490WW ET-M766BH490WB	ET-M766BH495WW ET-M766BH495WB	ET-M766BH500WW ET-M766BH500WB	ET-M766BH505WW ET-M766BH505WB
Maximum Power -P_{mp} (W)	485	490	495	500	505
Open Circuit Voltage -V_{oc} (V)	45.20	45.33	45.46	45.59	45.72
Short Circuit Current -I_{sc} (A)	13.72	13.79	13.86	13.93	14.00
Maximum Power Voltage -V_{mp} (V)	37.81	37.99	38.17	38.35	38.53
Maximum Power Current -I_{mp} (A)	12.83	12.90	12.97	13.04	13.11
Module Efficiency STC-η_m (%)	20.5%	20.7%	20.9%	21.1%	21.3%
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-M766BH485WW ET-M766BH485WB	ET-M766BH490WW ET-M766BH490WB	ET-M766BH495WW ET-M766BH495WB	ET-M766BH500WW ET-M766BH500WB	ET-M766BH505WW ET-M766BH505WB
Maximum Power -P_{mp} (W)	367	370	374	378	382
Open Circuit Voltage -V_{oc} (V)	42.30	42.43	42.58	42.72	42.86
Short Circuit Current -I_{sc} (A)	11.06	11.13	11.20	11.27	11.34
Maximum Power Voltage -V_{mp} (V)	35.67	35.76	35.84	35.93	36.02
Maximum Power Current -I_{mp} (A)	10.28	10.36	10.44	10.52	10.60

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
Output Cables	4.0 mm²(12AWG), Portrait:300mm(+)/400mm(-);Or customized
Connector	MC4 Compatible

APPLICATION CONDITIONS

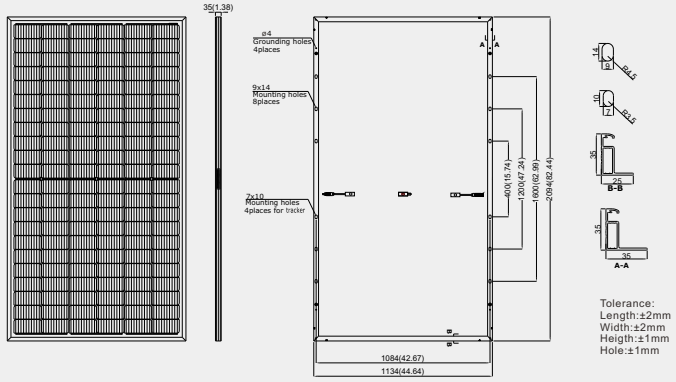
Pmax Temperature Coefficient	-0.340%/°C
Voc Temperature Coefficient	-0.263%/°C
Isc Temperature Coefficient	+0.054%/°C
Fire Performance	Class C(TUV)/Type 1(ETL)

PACKING MANNER

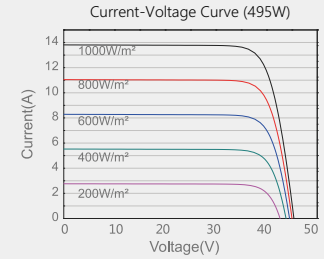
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	22
Pieces per Container	682

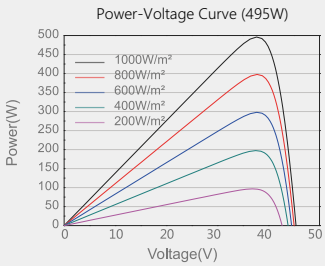
PHYSICAL CHARACTERISTICS

Unit:mm



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





Note: the specifications are obtained under the Standard Test Conditons (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25℃. The NOCT is obtained under the Test Conditions: 800 W/m², 20℃ 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.