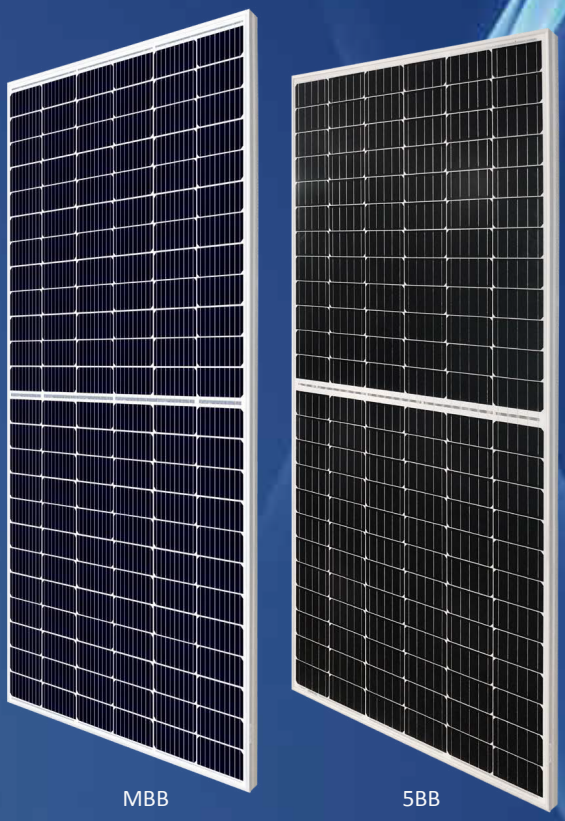
EliTe PLUS

PV Module

ET-M672BH410WW/WB 410W
ET-M672BH405WW/WB 405W
ET-M672BH400WW/WB 400W
ET-M672BH395WW/WB 395W
ET-M672BH390WW/WB 390W



*5BB and MBB products can be provided upon request.

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

High Efficiency
Higher module conversion efficiency (up to 20.38%) benefit from half cell structure (lowe 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.

IEC 61215
IEC 61730
UL 61215
UL 61730

ET SOLAR
support@etsolar.hk

M/ET-PD-EN-EU2020V3

ELECTRICAL SPECIFICATIONS

Model Type	ET-M672BH410WW ET-M672BH410WB	ET-M672BH405WW ET-M672BH405WB	ET-M672BH400WW ET-M672BH400WB	ET-M672BH395WW ET-M672BH395WB	ET-M672BH390WW ET-M672BH390WB
Peak Power (Pmax)	410W	405W	400W	395W	390W
Module Efficiency	20.38%	20.13%	19.88%	19.63%	19.38%
Maximum Power Voltage (Vmp)	42.3V	42.0V	41.7V	41.4V	41.1V
Maximum Power Current (Imp)	9.69A	9.65A	9.60A	9.55A	9.49A
Open Circuit Voltage (Voc)	50.4V	50.1V	49.8V	49.5V	49.3V
Short Circuit Current (Isc)	10.60A	10.48A	10.36A	10.23A	10.12A
Power Tolerance	0~+3%				
Operating Temperature	- 40 ~ + 85℃				
Maximum System Voltage	DC 1500V				
Nominal Operating Cell Temperature	45±2℃				

ELECTRICAL SPECIFICATIONS (NOCT)

Model Type	ET-M672BH410WW ET-M672BH410WB	ET-M672BH405WW ET-M672BH405WB	ET-M672BH400WW ET-M672BH400WB	ET-M672BH395WW ET-M672BH395WB	ET-M672BH390WW ET-M672BH390WB
Peak Power (Pmax)	310W	306W	302W	298W	294W
Maximum Power Voltage (Vmp)	40.0V	39.8V	39.6V	39.3V	39.1V
Maximum Power Current (Imp)	7.76A	7.72A	7.66A	7.60A	7.54A
Open Circuit Voltage (Voc)	48.9V	48.7V	48.5V	48.2V	48.0V
Short Circuit Current (Isc)	8.26A	8.22A	8.16A	8.09A	8.02A

MECHANICAL SPECIFICATIONS

Cell Type	158.75mm x 79.38mm
Number of Cells	144 half-cells (6×24)
Weight	22.5 kg (49.6 lbs)
Dimension	2008×1002×40mm (79.06×39.45×1.58 inch)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Junction Box	IP67 rated
Frame	Anodized Aluminium Alloy
Output cables	4mm² ; Portrait:255mm(+)/355mm(-) Or customized

TEMPERATURE COEFFICIENT

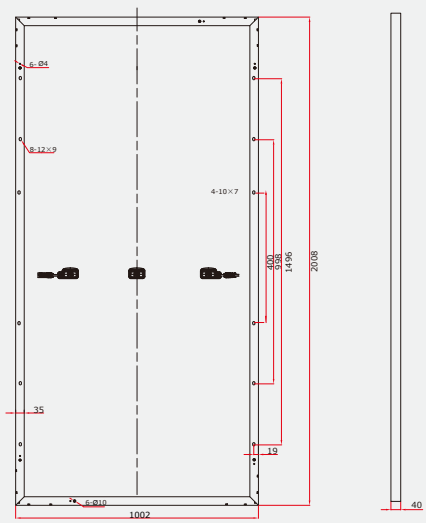
Temp. Coeff. of Isc (TK Isc)	0.048% /℃
Temp. Coeff. of Voc (TK Voc)	-0.28% /℃
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /℃

PACKING MANNER

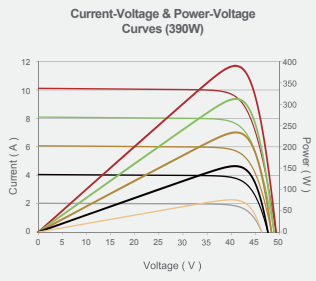
Container	40' HQ
Pieces per Pallet	27
Pieces per Container	649

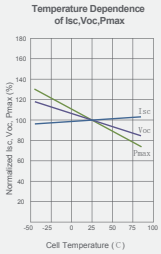
PHYSICAL CHARACTERISTICS

Unit:mm (inch)



ELECTRICAL CHARACTERISTICS





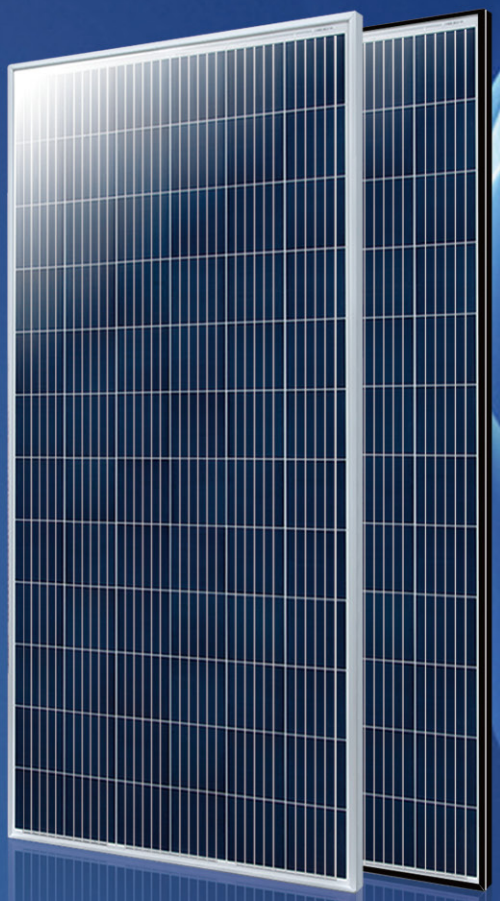
Note: the specifications are obtained under the Standard Test Conditons (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25℃. The NOCT is obtained under the Test Conditions: 800 W/m², 20℃ ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

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.

EliTe 1500V

HIGH EFFICIENCY MODULE

ET-P672345WW/WB 345W
ET-P672340WW/WB 340W
ET-P672335WW/WB 335W
ET-P672330WW/WB 330W
ET-P672325WW/WB 325W



Knowing voltage increase as one of the effective methods to decrease line loss, ET's Product Department and R&D Team are devoted to developing high-efficient module while we are trying any probability of more power output by technology innovation like upgrading voltage level and decreasing line loss. ET 1500VDC Module is designed to realize a lower LCOE of the power plant, by allowing longer cable operation and longer string to pull down combiner-box quantity and narrow cable size.

- Designed for compatible with advanced high voltage1500V solar plant
- Significant saving on BoS cost
- Extending string length up to 50%
- Enhanced module durability
- Higher system performance

IEC 61215 Ed.2
IEC 61730

ET SOLAR
Tel: +86 25 86898096 Fax: +86 25 86898097

ET Solar

M/ET-PD-EN-EU2019V2

ELECTRICAL SPECIFICATIONS

Model Type	ET-P672345WW ET-P672345WB	ET-P672340WW ET-P672340WB	ET-P672335WW ET-P672335WB	ET-P672330WW ET-P672330WB	ET-P672325WW ET-P672325WB
Peak Power (Pmax)	345W	340W	335W	330W	325W
Module Efficiency	17.69%	17.43%	17.18%	16.92%	16.66%
Maximum Power Voltage (Vmp)	38.94V	38.42V	37.90V	37.58V	37.28V
Maximum Power Current (Imp)	8.86A	8.85A	8.84A	8.78A	8.72A
Open Circuit Voltage (Voc)	48.32V	47.67V	46.83V	46.65V	46.31V
Short Circuit Current (Isc)	9.52A	9.51A	9.47A	9.35A	9.28A
Power Tolerance	0 to +5W				
Operating Temperature	- 40 ~ + 85℃				
Maximum System Voltage	DC 1500V				
Nominal Operating Cell Temperature	45±2℃				
Fire Safety	Class C				
Maximum Series Fuse Rating	20A				

MECHANICAL SPECIFICATIONS

Cell Type	156.75mm x 156.75mm
Number of Cells	72 cells in series
Weight	22.6 kg (49.82 lbs)
Dimension	1966×992×40mm (77.40×39.06×1.58 inch)
Max Load	5400 Pascals (112 lb/ft^2)
Junction Box	IP67 rated
Connector	MC4 Compatible
Output cable	4mm^2

TEMPERATURE COEFFICIENT

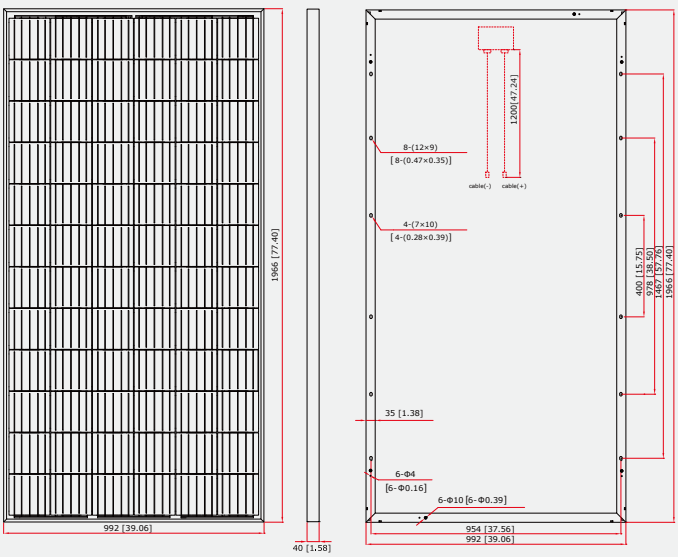
Temp. Coeff. of Isc (TK Isc)	0.04% /℃
Temp. Coeff. of Voc (TK Voc)	-0.34% /℃
Temp. Coeff. of Pmax (TK Pmax)	-0.41% /℃

PACKING MANNER

Container	40' HQ
Pieces per Pallet	27
Pieces per Container	708

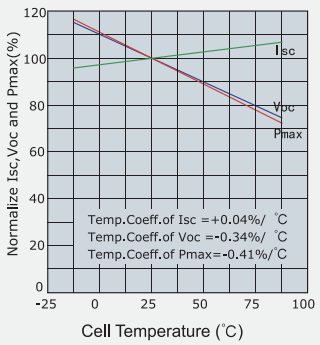
PHYSICAL CHARACTERISTICS

Unit:mm (inch)



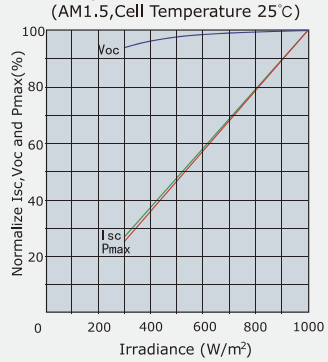
ELECTRICAL CHARACTERISTICS

Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax

(AM1.5,Cell Temperature 25℃)



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