

PV Module

KT-M672BH435WW/WB	435W
KT-M672BH440WW/WB	440W
KT-M672BH445WW/WB	445W
KT-M672BH450WW/WB	450W
KT-M672BH455WW/WB	455W



1500

High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better L



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).

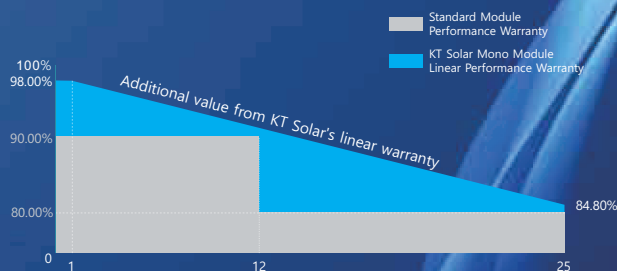


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV SUD.

*6BB and MBB products can be provided upon request.

WARRANTY



25 25-years Linear Performance Warranty

12 12-years Product Material & Workmanship

0.55 1st year ≤ 2%, 2nd~25th years ≤ 0.55% / year

IEC61215
IEC61730
UL61215
UL61730



Munich RE

ELECTRICAL SPECIFICATIONS

Model Type	KT-M672BH435WW KT-M672BH435WB	KT-M672BH440WW KT-M672BH440WB	KT-M672BH445WW KT-M672BH445WB	KT-M672BH450WW KT-M672BH450WB	KT-M672BH455WW KT-M672BH455WB
Peak Power (Pmax)	435W	440W	445W	450W	455W
Module Efficiency	20.0%	20.2%	20.5%	20.7%	20.9%
Maximum Power Voltage (Vmp)	40.90V	41.10V	41.30V	41.50V	41.70V
Maximum Power Current (Imp)	10.64A	10.71A	10.78A	10.85A	10.92A
Open Circuit Voltage (Voc)	48.70V	48.90V	49.10V	49.30V	49.50V
Short Circuit Current (Isc)	11.39A	11.46A	11.53A	11.60A	11.66A
Power Tolerance(W)	(0 to +4.99)				
Operating Temperature	- 40 °C + 85				
Maximum System Voltage	DC 1500V				
Nominal Operating Cell Temperature	45±2°C				
Fire Safety	Class C(IEC)/Type 1(UL)				
Maximum Series Fuse Rating	20A				

ELECTRICAL SPECIFICATIONS (NOCT)

Model Type	KT-M672BH435WW KT-M672BH435WB	KT-M672BH440WW KT-M672BH440WB	KT-M672BH445WW KT-M672BH445WB	KT-M672BH450WW KT-M672BH450WB	KT-M672BH455WW KT-M672BH455WB
Peak Power (Pmax)	324.9W	328.6W	332.3W	336.1W	339.8W
Maximum Power Voltage (Vmp)	38.1V	38.3V	38.5V	38.6V	38.8V
Maximum Power Current (Imp)	8.53A	8.59A	8.64A	8.70A	8.75A
Open Circuit Voltage (Voc)	45.7V	45.8V	46.0V	46.2V	46.4V
Short Circuit Current (Isc)	9.21A	9.27A	9.33A	9.38A	9.43A

MECHANICAL SPECIFICATIONS

Cell Type	Mono-Crystalline, 166×83mm
Number of Cells	144pcs(2×(6×12))
Weight	24kg
Dimension	2094×1038×35 mm
Front Cover	3.2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable Length (Including Connector)	4.0 mm ² (12AWG), Portrait:255mm(+)/355mm(-);Or customized
Connector	MC4 Compatible

TEMPERATURE COEFFICIENT

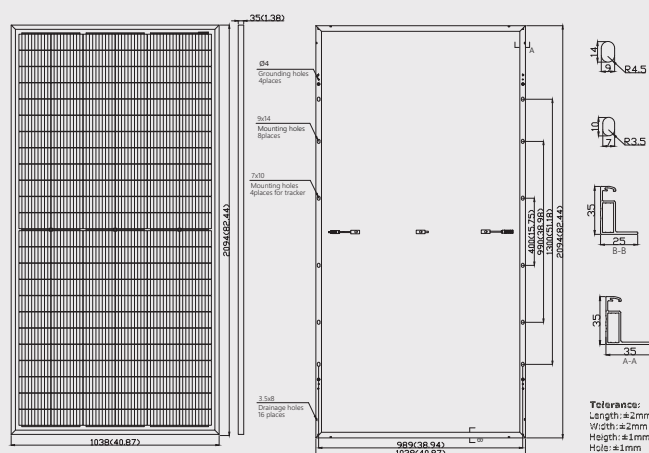
Temp. Coeff. of Isc (TK Isc)	0.054% /°C
Temp. Coeff. of Voc (TK Voc)	-0.263% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.340% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	726

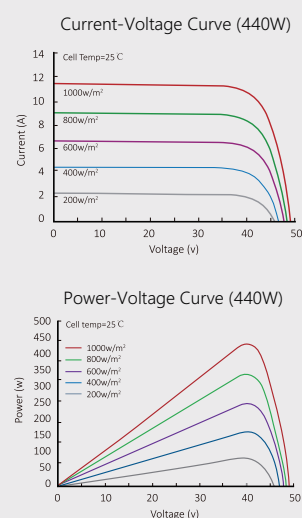
PHYSICAL CHARACTERISTICS

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 [KT Solar](#) 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.