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EnergyPal

Solar Panel Guide Specification Data Sheet

**ET Solar (Hong Kong)
300-320W Mono
ET-M660320WW**

Also available on the web at
EnergyPal.com/et-solar-hong-kong-solar-panels/et-m660320ww

EliTe 1500V

HIGH EFFICIENCY MODULE

ET-M660320WW/WB 320W

ET-M660315WW/WB 315W

ET-M660310WW/WB 310W

ET-M660305WW/WB 305W

ET-M660300WW/WB 300W

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.



1500

Designed for compatible with advanced high voltage 1500V 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
UL 1703



CONFORMS TO UL STD. 1703
CERTIFIED TO UL/CSGRO STD.C-1703-01

ET SOLAR

support@etsolar.hk

ET Solar

M/ET-PD-EN-US2020V2

ELECTRICAL SPECIFICATIONS

Model Type	ET-M660320WW	ET-M660315WW	ET-M660310WW	ET-M660305WW	ET-M660300WW
	ET-M660320WB	ET-M660315WB	ET-M660310WB	ET-M660305WB	ET-M660300WB
Peak Power (Pmax)	320W	315W	310W	305W	300W
Module Efficiency	19.55%	19.24%	18.94	18.63%	18.33%
Maximum Power Voltage (Vmp)	33.42V	33.20V	32.98V	32.76V	32.54V
Maximum Power Current (Imp)	9.58A	9.49A	9.40A	9.31A	9.22A
Open Circuit Voltage (Voc)	41.54V	41.05V	40.75V	40.26V	39.97V
Short Circuit Current (Isc)	10.00A	9.93A	9.86A	9.78A	9.69A
Power Tolerance	0 to +5W				
Operating Temperature	- 40 ~ + 85°C				
Maximum System Voltage	DC 1500V				
Nominal Operating Cell Temperature	45±2°C				
Fire Safety	Type 4				
Maximum Series Fuse Rating	20A				

MECHANICAL SPECIFICATIONS

Cell Type	6 inch
Number of Cells	60 cells in series
Weight	18.6 kg (41.01 lbs)
Dimension	1650×992×35mm (64.96×39.06×1.38 inch)
Max Load	5400 Pascals (112 lb/ft ²)
Junction Box	IP67 rated
Connector	MC4 Compatible
Output cable	12AWG:PV Wire

TEMPERATURE COEFFICIENT

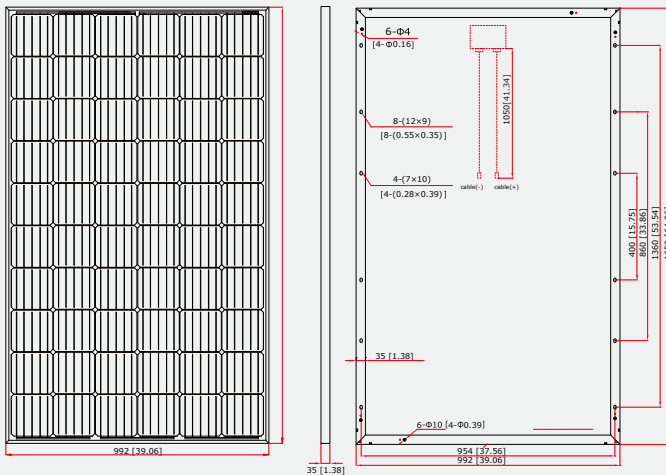
Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.30% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.42% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	871

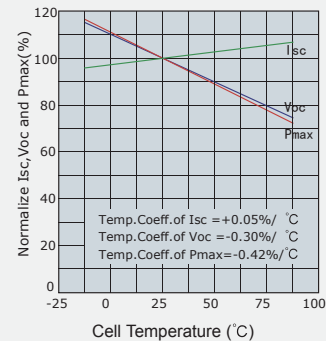
PHYSICAL CHARACTERISTICS

Unit:mm (inch)

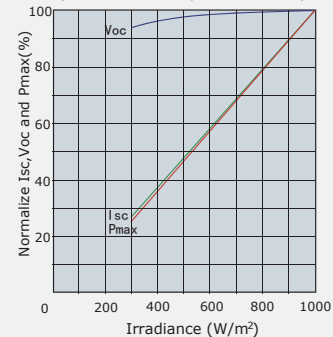


ELECTRICAL CHARACTERISTICS

Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax (AM1.5, Cell Temperature 25°C)



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.