EliTe 1500V

HIGH EFFICIENCY MODULE

ET-P660H290WW/WB 290W
ET-P660H285WW/WB 285W
ET-P660H280WW/WB 280W
ET-P660H275WW/WB 275W
ET-P660H270WW/WB 270W



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 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
UL 1703

CONFORMS TO UL STD. 1703
CERTIFIED TO ULC/ORD STD.C 1703-01

ET SOLAR
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ET Solar

ELECTRICAL SPECIFICATIONS

Model Type	ET-P660H290WW ET-P660H290WB	ET-P660H285WW ET-P660H285WB	ET-P660H280WW ET-P660H280WB	ET-P660H275WW ET-P660H275WB	ET-P660H270WW ET-P660H270WB
Peak Power (Pmax)	290W	285W	280W	275W	270W
Module Efficiency	17.72%	17.41%	17.11%	16.80%	16.50%
Maximum Power Voltage (Vmp)	32.65V	32.21V	31.68V	31.32V	30.97V
Maximum Power Current (Imp)	8.88A	8.85A	8.84A	8.78A	8.72A
Open Circuit Voltage (Voc)	40.41V	40.26V	39.16V	38.92V	38.72V
Short Circuit Current (Isc)	9.53A	9.52A	9.47A	9.35A	9.31A
Power Tolerance	0 to +5W				
Operating Temperature	- 40 ~ + 85℃				
Maximum System Voltage	DC 1500V				
Nominal Operating Cell Temperature	45±2℃				
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/ft²)
Junction Box	IP67 rated
Connector	MC4 Compatible
Output cable	12AWG:PV Wire(UL)

TEMPERATURE COEFFICIENT

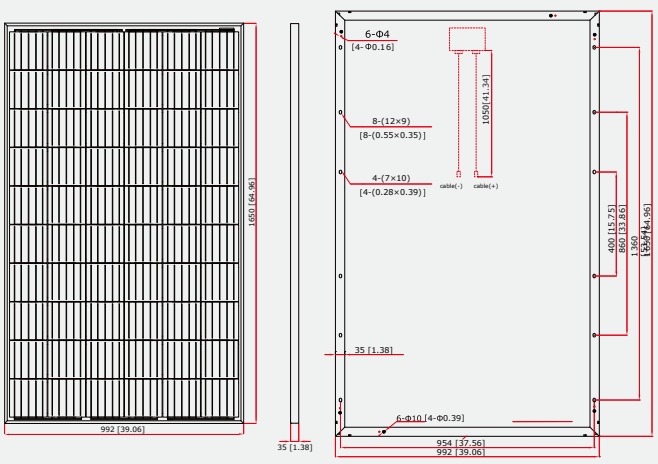
Temp. Coeff. of Isc (TK Isc)	0.04% /℃
Temp. Coeff. of Voc (TK Voc)	-0.34% /℃
Temp. Coeff. of Pmax (TK Pmax)	-0.41% /℃

PACKING MANNER

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

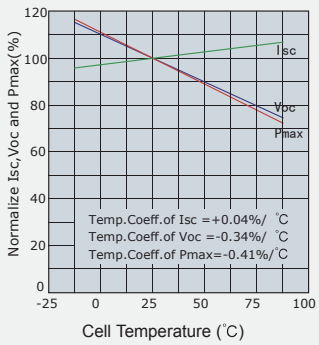
PHYSICAL CHARACTERISTICS

Unit:mm (inch)



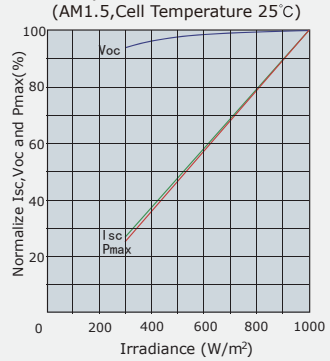
ELECTRICAL CHARACTERISTICS

Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax

(AM1.5,Cell Temperature 25℃)



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.