

STP150D-12/TEB



25-YEAR WARRANTY



for IEC Certified Module



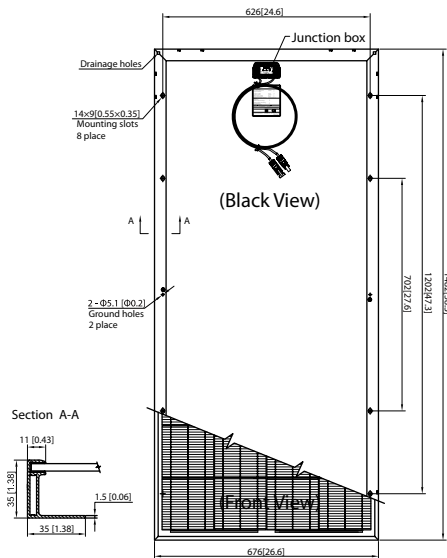
for UL Certified Module

ELECTRICAL CHARACTERISTICS

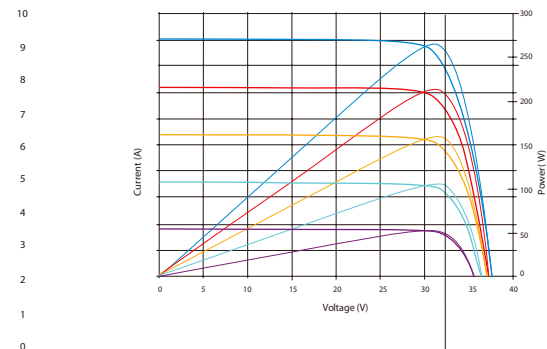
Open-Circuit Voltage (Voc)	22.7 V
Optimum Operating Voltage (Vmp)	18.3 V
Short-Circuit Current (Isc)	8.71 A
Optimum Operating Current (Imp)	8.20 A
Maximum Power at STC* (Pmax)	150 Wp
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000 V (IEC) 600 V (UL)
Maximum Series Fuse Rating	20 A
Power Tolerance	±5 %
Nominal Voltage	12V

MECHANICAL CHARACTERISTICS

Solar Cell	Polycrystalline
No. of Cells	36 (4×9)
Dimensions (mm/inch)	1482×676×30mm / 58.3×26.6×1.18inch
Weight (kg/lbs)	11.6 Kgs
Junction Box	IP67 rated
Output Cables (mm/inch)	Symmetrical lengths (-) 750/29.5 and (+) 750/29.5 C4 connector
Wind Loads	2400 Pascal
Snow Loads	5400 Pascal



Module IV Graph 150W



TEMP.CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT**)	45±2°C
Temp. coefficient of Pmax	-0.41 %/°C
Temp. coefficient of Voc	-0.33 %/°C
Temp. coefficient of Isc	0.067 %/°C

*STC: Irradiance 1000W/m2, module temperature 25°C, AM=1.5
**NOCT: Irradiance 800W/m2, ambient temperature 20°C, wind speed 1m/s