



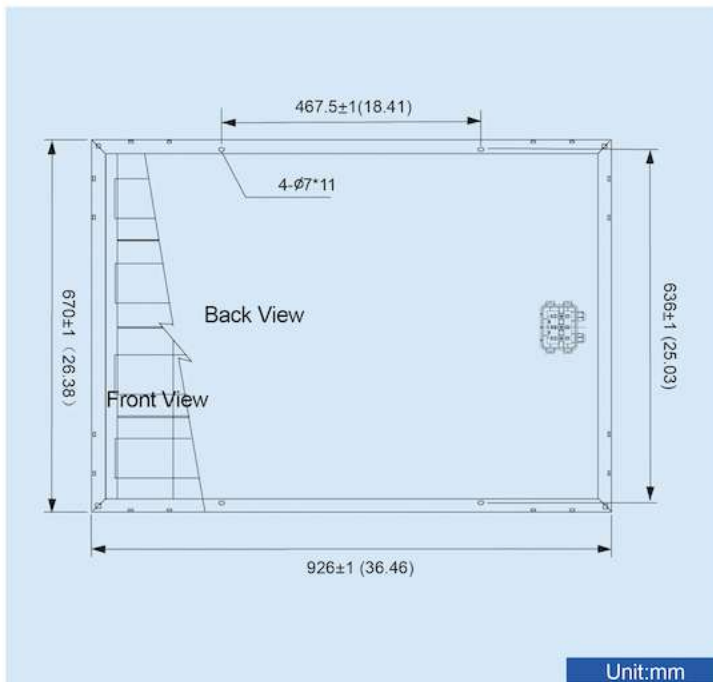
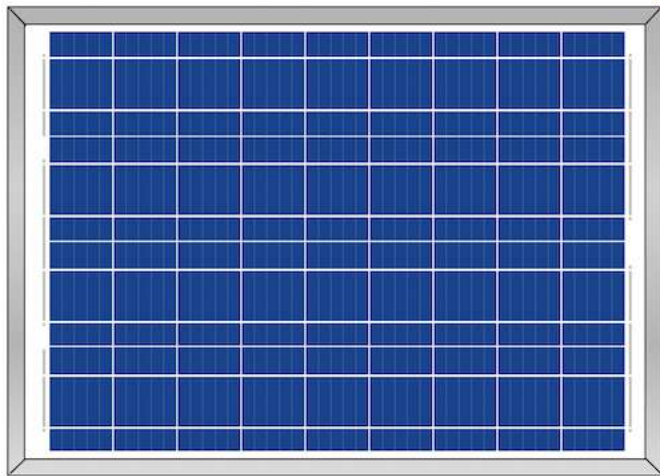
BRUSOL

PHOTOVOLTAIC MODULE



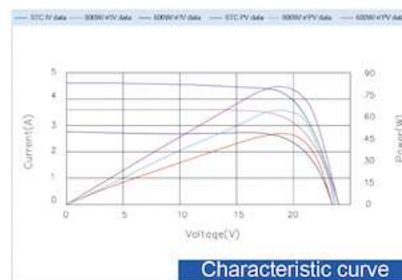
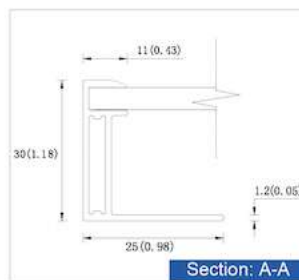
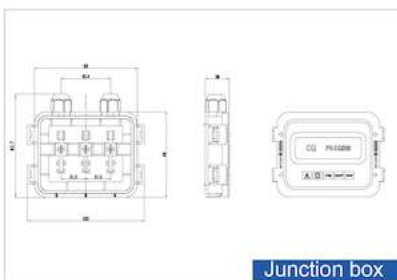
Features

- Stable output voltage 12V DC.
- High efficiency.
- Outstanding low-light performance.
- High transmission tempered glass.
- Durable anodized aluminum frame.
- Efficient protection from frame deformation and water accumulation.
- Rugged design to withstand high wind pressure and snow load, easy installation.



Electrical Characteristics	BCT100-12
Maximum power at STC (Pmax)	100W
Optimum operating voltage (Vmp)	19.8V
Optimum operating current (Imp)	5.05A
Open-circuit voltage (Voc)	22.1V
Short-circuit current (Isc)	5.73A
Temperature coefficient of Voc	-0.31%/°C
Temperature coefficient of Isc	0.05%/°C
Temperature coefficient of Pmax	-0.40%/°C
NOTC (Air20°C, Sun0.8km ² /m ² , Wind1m/s)	45±2°C
Operating temperature	-40°C to 85°C
Max. system voltage	1000V DC
Power tolerance	±5W

* STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5



Specification	BCT100-12
Cell	Poly-crystalline silicon solar cells
No.of cells and connection	36 (4×9)
Weight(kg)	8.0kg
Dimensions (mm)	926×670×30mm
Package size / quantity	946×690×140mm/4block

* Specifications are subject to change without notice at any time.
 * 5 years warranty on workmanship, guarantee the power 90% in the first 10 years and 80% in 25 years.