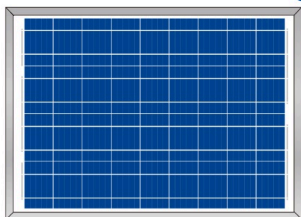
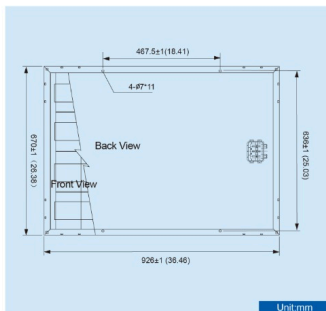




CE Features



- 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.

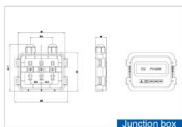


Electrical Characteristics

BCT100-12

Maximum power at STC (Pmax)	100W
Optimum operating voltage (Vmp)	17.2V
Optimum operating current (Imp)	5.81A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	6.52A
Temperature coefficient of Voc	- (80±10) mV/°C
Temperature coefficient of Isc	(0.065±0.015) %/°C
Temperature coefficient of Pmax	- (0.5±0.05) %/°C
NOTC (Air20°C, Sun0.8km²/m², Wind1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Max. system voltage	1000V DC
Power tolerance	±5W

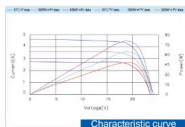
① STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5



Junction box



Section: A-A



Characteristic curve



Real Picture

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

① Specifications are subject to change without notice at any time.

② 5 years warranty on workmanship, guarantee the power 90% in the first 10 years and 80% in 25 years.