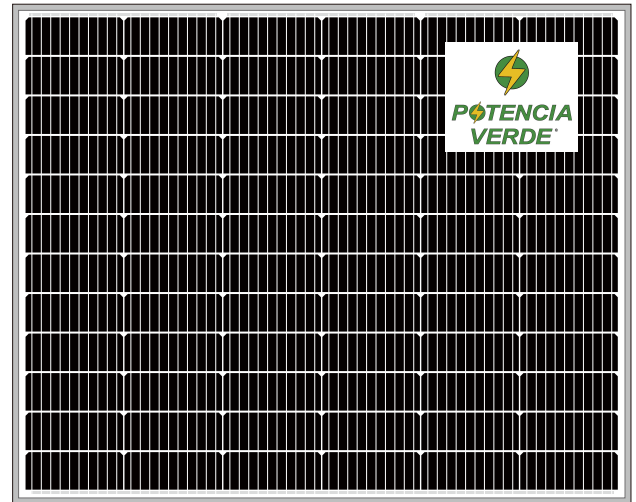


200W

SOLAR PANEL MONO-CRYSTALLINE

24V Series



Multiple Main Gate Technology

Better light utilization and current collection, effectively improve product power output and reliability.



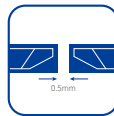
Lossless Cut

Advanced non-destructive cutting technology is applied to effectively reduce the risk of hidden cracks.



Better Heat Spot Resistance

By optimizing circuit design and working current, better temperature coefficient and heat spot resistance are obtained.



High Density Package

Improve component conversion efficiency by reducing the spacing between cells.



Anti-pid Guarantee

The attenuation rate caused by PID phenomenon is minimized through battery production technology optimization and material control.



Excellent Product Materials

Excellent product material and process quality assurance



Super Mechanical Load

It can carry 5400Pa snow load
It can bear 2400Pa wind pressure



Adaptability to Harsh Environments

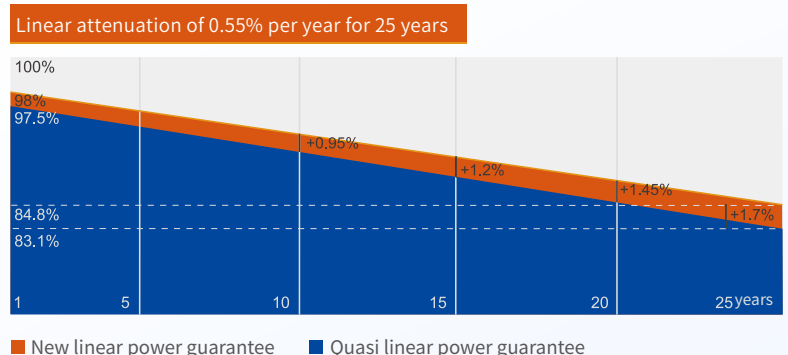
Third party certification through high salt spray and high ammonia corrosion test, suitable for high temperature and humidity, coastal, desert, lake and other harsh environment.

COMPREHENSIVE SYSTEM AND PRODUCT CERTIFICATION

IEC61215(2016), IEC61730(2016)
ISO 9001:2015 / ISO Quality Management System
ISO 14001:2015 / Environmental Management System
ISO 45001: 2018 / International Occupational Health and Safety Management System Certification



INDUSTRY-LEADING QUALITY ASSURANCE



Electrical Parameters

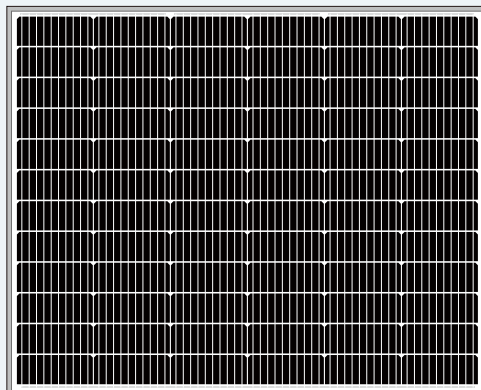
Solar Module Type	BCT200M-24
Maximum Power at STC (Pmax) [W]	200W
Optimum Operating Voltage (Vmp) [V]	43.42V
Optimum Operating Current (Imp) [A]	4.61A
Open-Circuit Voltage (Voc) [V]	49.10V
Short-Circuit Current (Isc) [A]	5.09A
Temperature Coefficient (Pmax)	-0.34%/°C
Temperature Coefficient (Voc)	-0.27%/°C
Temperature Coefficient (Tsc)	+0.045%/°C
NOCT	45±2°C
Maximum System Voltage	1000V DC
Power Tolerance	±3%

* Standard test conditions (STC) : irradiance 1000W/m², battery temperature 25°C, AM1.5, power tolerance: ±3%

Specification

Solar Module Type	BCT200M-24
Component Size	910×1134×30mm
Glass	3.2mm high permeability, anti-reflection coating tempered glass
Number of Cells	72
Cells Arrangement	12×6
Component Weight	11.4kg
Package size	925×1150×80mm/2pcs

Engineering Drawings



910×1134×30mm