

## TECHNICAL DATASHEET

**BE200M9(B)-40(HC)FE**

FLEXIBLE 200W SOLAR PANEL

// RESIDENTIAL USE // COMMERCIAL USE // UTILITY SCALE

Flexible 200W photovoltaic module with N-Type monocrystalline technology and 40 half-cut cells. With a thickness of just 3 mm, it adapts to curved and irregular surfaces where conventional rigid panels cannot be installed. It offers high efficiency and outstanding performance even under adverse weather conditions.



- ✓ Flexible and lightweight design for easy installation.
- ✓ 40 half-cell monocrystalline high-efficiency technology.
- ✓ Durable and weather-resistant construction.
- ✓ Ideal for RV, marine, and off-grid applications.
- ✓ Easy integration on curved and irregular surfaces.

## FEATURES



HIGH EFFICIENCY CELLS



LOW TEMPERATURE COEFFICIENT



WEATHER RESISTANT



SUSTAINABLE ENERGY



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**MODEL****BE200M9(B)-40(HC)FE****ELECTRICAL DATA**

Peak Power (Pmax)	200W
Maximum Power Voltage (Vmp)	22.53V
Maximum Power Current (Imp)	8.88A
Open Circuit Voltage (Voc)	26.56V
Short Circuit Current (Isc)	9.39A
Module Efficiency (%)	19.45

**THERMAL CHARACTERISTICS & OPERATING CONDITIONS**

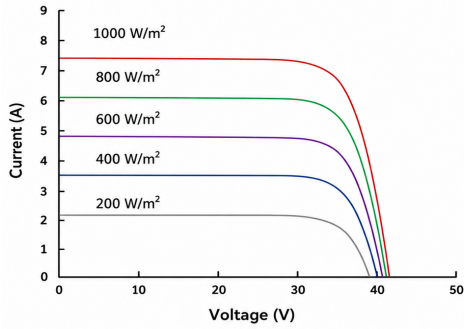
Maximum system voltage (V)	1,500
Maximum Series Fuse Rating (A)	10
Power Tolerance	0 ~ 3%
Pmax Temperature Coefficients (W/°C)	-0.400%
Voc Temperature Coefficients (V/°C)	-0.330%
Isc Temperature Coefficients (A/°C)	-0.048%
NOCT Nominal Operating Cell Temperature (°C)	45±2
Operating and Storage Temperature (°C)	-40 ~ +85

**MECHANICAL CHARACTERISTICS**

Cell type	210 x 105 Mono
No. of Cells	40 (4 x 10)
Dimensions	1,130 x 900 x 3mm
Weight	3.75kg
Junction box	IP67/IP68
Output cables	4mm <sup>2</sup> cable 90cm + mc4 or customization

**PACKING WAY--2PCS/BOX WITH PALLET**

2PCS per box size	1,142 x 912 x 58mm
Quantity in 1*40HQ container	984 boxes / 1968 PCS
Quantity in 1*20GP container	444 boxes / 888 PCS



Nominal Module Operating Temperature(NMOT)	41±2°C
Temperature Coefficient of Pmax	-0.34 %/°C
Temperature Coefficient of Voc	-0.26 %/°C
Temperature Coefficient of Isc	0.033 %/°C

