

GAMMA SERIES™

UTILITY SCALE SOLAR

MONO | MONOFACIAL | PERC | PV MODULE

Power Range: 405W | 410W | 415W | 420W | 425W
Technology: PERC | Half cut cell | 10 Busbar | 108 Cells
Design: Single Glass | Silver Frame | White Backsheet

Module Efficiency: 21.7%
Cell Efficiency: 22.5%~23.3%
Power Tolerance: 0~+5W
System Voltage: 1500 V DC

Module Size: 1724 x 1134 x 30 mm
Module Weight: 21.0 kg
Module Code: BVM7609M-XXX-H-HC

DESIGNED TO PERFORM AND BUILT TO LAST

Our PV modules are designed with better technology in mind, made from robust product components, under stringent quality control steps and high-tech manufacturing processes.

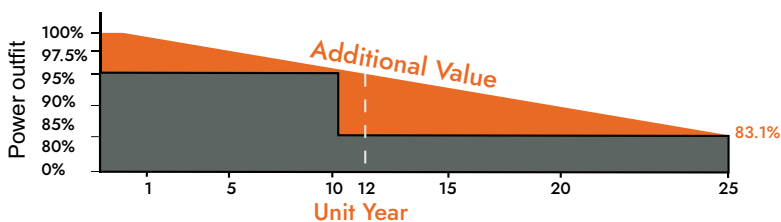
PERC, half-cut, multi-busbar, and large cell designs enables our PV modules to pack more power per module, capture more

photons, produce more energy, and provide reliable, dependable system performance under different installations requirements, difficult weather, or environmental conditions. Whether you are EPC, installer, contractor, or project developer, we have the right and better PV module for your residential, commercial, industrial, and utility scale solar projects.

- | | | | |
|---|--|---|--|
|  Monocrystalline technology |  P-Type semiconductor |  Passivated emitter and rear cell technology |  Half cut cell |
|  Multi-Busbar cell |  Large wafer design |  Beautiful aesthetic |  Robust product component |

WARRANTY

25- Year linear power warranty
 12 -Year product warranty



-  Output Linear Warranty
-  Standard Warranty

1 (12) years product warranty

2 Out linear warranty with 2.5% degradation in the 1st year and less than 0.6% degradation each year from 2nd year to 25th year

CERTIFICATES

IEC 61215 | IEC 61730 | CE
 ISO 9001 Quality Management System
 ISO 14001 Environmental Management System
 ISO 45001 Occupational Health and Safety Management System

*Please contact with Boviet Solar representative for Full list of certificates according to local requirements and PV module product type.

PV Module: Mechanical Drawing

Technical drawing of a window frame assembly, showing dimensions and material specifications.

Front View Dimensions:

- Top left corner: 206 ± 10 (width), 80 ± 10 (height).
- Top right corner: 215 ± 10 (height), 210 ± 10 (width).
- Bottom left corner: 1084 ± 2 (width), 1134 ± 2 (width).
- Bottom right corner: 960 ± 2 (height), 1300 ± 2 (height), 1724 ± 2 (height).
- Internal dimensions: 12 ± 10 (width), 11 ± 10 (width).

Material Specifications:

- Top left corner: $8-14 \times 9$
- Top right corner: $8-8 \times 3.5$
- Bottom left corner: $4-\phi 6.1$

Section Views:

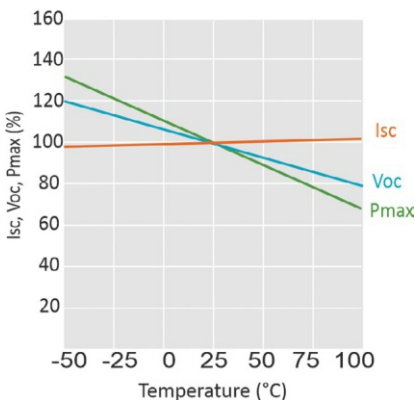
- A-A:** Section view showing a profile with a width of 33 and a height of 30 .
- B-B:** Section view showing a profile with a width of 18 and a height of 30 .

ELECTRICAL CHARACTERISTICS | NOCT

NOCT: AM 1.5 Irradiance 800/m², 20° C, Wind speed 1m/s

PV Module: IV Curve

Irradiance: AM 1.5, 1,000W/m²(425W)



PV Module: IV Curve

THERMAL CHARACTERISTICS

NOCT $45 \pm 2^\circ\text{C}$