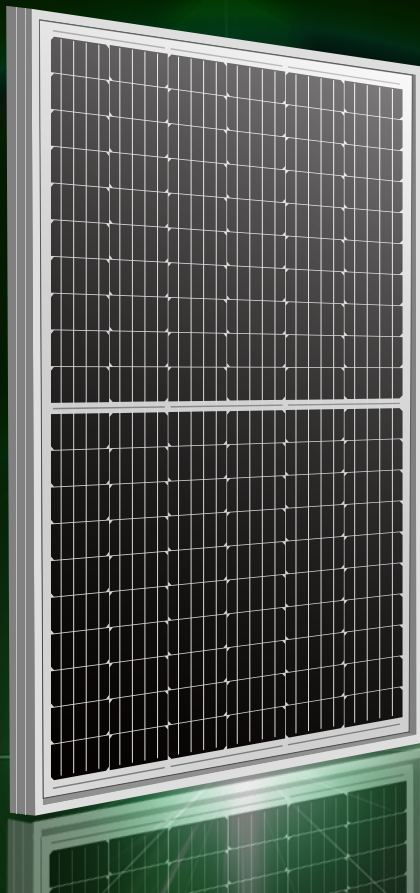




BQ SOLAR

Better Quality · More profits



BQ60-210M

590~610W

Power output

120

Cells Mono-crystalline

0~+5W

Tolerance

23%

The Highest Efficiency

BQ60-210M applies 210mm large silicon wafer technology and half-cut module technology, the efficiency is increased to 610W, the use of close-packing technology, the module efficiency is increased to 23%, and the multi-bus grid technology is applied to effectively improve the optical utilization rate and reduce the internal Current consumption effectively reduces costs, achieves lower cost per kilowatt-hour, and improves project profitability



KEY FEATURES



High module conversion efficiency (up to 23%), through superior manufacturing technology



Guaranteed 0~+5W positive power output tolerance ensures high reliability



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



Excellent performance under low light environments (mornings, evenings and cloudy days)



Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)

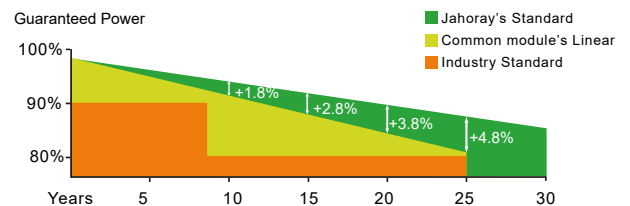
LINEAR PERFORMANCE WARRANTY

12 YEAR

Product Warranty

30 YEAR

30 year Linear Power Warranty



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ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	590	595	600	605	610
Open Circuit Voltage-Voc(V)	41.10	41.30	41.50	41.70	41.90
Short Circuit Current-Isc(A)	18.42	18.47	18.52	18.57	18.62
Maximum Power Voltage-Vmp (V)	34.00	34.20	34.40	34.60	34.80
Maximum Power Current-Imp(A)	17.35	17.40	17.44	17.49	17.53
Module Efficiency (%)	20.80	21.00	21.20	21.40	21.60

STC Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	447	451	454	458	462
Open Circuit Voltage-Voc (V)	38.70	38.90	39.10	39.30	39.50
Short Circuit Current-Isc (A)	14.85	14.88	14.92	14.96	15.00
Maximum Power Voltage-Vmp(V)	31.70	31.90	32.00	32.20	32.40
Maximum Power Current-Imp(A)	14.09	14.13	14.18	14.22	14.27

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1 m/s

MECHANICAL DATA

Solar Cells	Half-Cell Mono 210x105mm, 12BB
Cell Configuration	120 Cells (6x20)
Module Dimensions	2172x1303x35mm
Weight	30.9KG
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP68
Cable	4mm ² (IEC)/12AWG(UL), 300mm or customized
Connectors	MC4-EV02/TS4

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature(NOCT)	43°C± 2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)
Max Series Fuse Rating	30A

PACKAGING CONFIGURATION

Packing Type	40HQ
Piece/Pallet	558pcs
Pallet/Container	31pcs/pallet
Piece/Container	18pallets

