

**BQ SOLAR**

Better Quality · More profits



# BQ72-157P

## 325~345W

Power output

## 72

Cells Poly-crystalline

## 0~+5W

Tolerance

## 17.7%

The Highest Efficiency

BQ72-157P relies on advanced technology and integrates a unique understanding of materials into product design to ensure stable power output of components and effectively improve component efficiency and reliability.



### KEY FEATURES



High module conversion efficiency (up to 17.7%), 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)

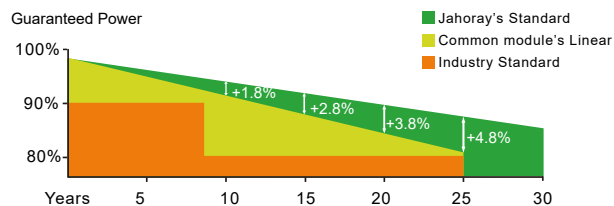
### LINEAR PERFORMANCE WARRANTY

**12**  
YEAR

Product Warranty

**30**  
YEAR

30 year Linear Power Warranty



Additional value from jahoray's Linear Warranty

**0.5% Annual Degradation over 30 years****BQ SOLAR**

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## ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	325	330	335	340	345
Open Circuit Voltage-Voc(V)	46.10	46.40	46.60	46.80	46.90
Short Circuit Current-Isc(A)	9.15	9.23	9.30	9.38	9.55
Maximum Power Voltage-Vmp (V)	37.50	37.80	38.00	38.30	38.50
Maximum Power Current-Imp(A)	8.67	8.74	8.81	8.88	8.96
Module Efficiency (%)	16.76	17.03	17.25	17.53	17.70

STC Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3

## ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	247	251	255	259	260
Open Circuit Voltage-Voc (V)	44.87	45.11	45.24	45.37	43.40
Short Circuit Current-Isc (A)	7.05	7.13	7.22	7.31	7.71
Maximum Power Voltage-Vmp(V)	36.78	36.98	37.08	37.19	35.71
Maximum Power Current-Imp(A)	6.72	6.79	6.88	6.96	7.20

NOCT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s

## MECHANICAL DATA

Solar Cells	Polycrystalline 157*157mm., 5BB
Cell Configuration	72Cells
Module Dimensions	1956x992x35mm
Weight	22KG
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL), 900mm
Connectors	MC4 or MC4 Comparable

## TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature(NOCT)	45°C± 2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC) 600(UL)
Max Series Fuse Rating	15A

## PACKAGING CONFIGURATION

Packing Type	40HQ
Piece/Pallet	720pcs
Pallet/Container	27pcs/pallet, 2pcs/carton box
Piece/Container	24pallets + 36cartons boxes

