

Double Glass

Poly Crystalline Silicon Solar Module

QSDGP/255-265Wp



Advantages:

- Frameless, reduce possibility of PID occurrence & power degradation
- Lower annual power degradation & more solar power generation
- Double glass design, better protection for solar cell & reduce cell micro crack possibility
- Anti sand abrasion, anti sea water corrosion, fitting to sandy or sea nearby area projects
- Supreme fire resistance, less fire damage possibility caused by arc & hot spots
- Easy cleaning, no frame, no dust or snow accumulating on the frame edge
- Higher maximum system voltage up to 1500VDC, saving system cost

Application:

- Greenhouse, Façade, Carport, Patio, BIPV, sandy or sea nearby area projects

Temperature Coefficient

Nominal operating cell temperature (NOCT)	45 °C ± 2 °C
Short-circuit current temperature coefficient	0.059%/°C
Open-circuit voltage temperature coefficient	-0.32%/°C
Peak power temperature coefficient	-0.43%/°C
Power tolerance	0~+3%

Electrical Specification

ELECTRICAL DATA @ STC	QSDGP-255	QSDGP-260	QSDGP-265
Peak Power Watts-Pmax(Wp)	255	260	265
Maximum Power Voltage - Vmp(V)	30.2	30.4	30.6
Maximum Power Current - Imp(A)	8.43	8.56	8.66
Open Circuit Voltage - Voc(V)	37.4	37.5	37.7
Short Circuit Current - Isc(A)	9.00	9.12	9.23
Module Efficiency (%)	15.75	16.16	16.47
Maximum System Voltage	1500VDC(IEC) / 1000VDC(UL)		

Datas At Standard Test Conditions STC(Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25 °C).

Warranty

10-year limited product warranty

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25years at 80% of the minimal rated power output

Guarantee positive power tolerance: 0~+3%

Specifications

Cell	Polycrystalline Silicon solar cells 156 mm * 156 mm / 6 inch
No. of cells	60 (6 * 10) pcs
Dimension of module	1644 mm * 985 mm * 6.0 mm (w/t J-box) 64.50 inch * 39.0 inch * 2.36 inch
Weight	25.52 kg
Front Glass	3.2 mm tempered AR glass
Back Glass	2.0 mm heat strengthened glass
Frame	frameless
Junction Box	IP67
Plug connector	IP67
Bypass-Diodes	6 pcs. (IEC) / 3 pcs. (UL)
Max. Fuse Current Rating	15 A
Type of Connector	MC4 or MC4 Comparable R 50133919 0003
Cable length:	2 * 280~1000 mm / 2 * 11.02~39.37 inch

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