



Polycrystalline Photovoltaic Module

250W-300W



QJ Solar is a professional manufacturer specialized in design, development, production and sales of solar photovoltaic module. We provide a wide range of solar photovoltaic module products and all the products are made under the universal regulations which makes them can be widely used in residential, commercial, industrial and other solar power generator system. Our strict procedure of quality control and advanced equipment for inner testing make the solar modules to be in line with the highest standards.

Warranty

10 years material and workmanship warranty

10 years at 90% of the minimal rated power output

25 years at 80% of the minimal rated power output

Quality Certifications

IEC 61215, IEC 61730

ISO 9001:2008

UL1703

CE



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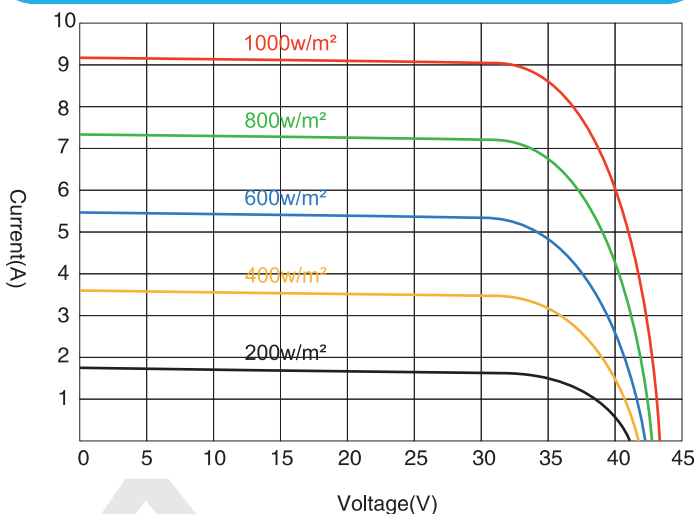
Electrical Characteristics

Module Type	QJP250 -72	QJP255 -72	QJP260 -72	QJP265 -72	QJP270 -72	QJP275 -72	QJP280 -72	QJP285 -72	QJP290 -72	QJP295 -72	QJP300 -72
Maximum Power (Pmax)	250W	255W	260W	265W	270W	275W	280W	285W	290W	295W	300W
Maximum Power Voltage (Vmp)	35.0V	35.1V	35.2V	35.3V	35.4V	35.5V	35.7V	35.9V	36.0V	36.1V	36.2V
Maximum Power Current (Imp)	7.14A	7.26A	7.39A	7.51A	7.65A	7.75A	7.84A	7.94A	8.05A	8.17A	8.28A
Open Circuit Voltage (Voc)	42.0V	42.1V	42.2V	42.3V	42.4V	42.6V	42.8V	43.1V	43.2V	43.3V	43.4V
Short Circuit Current (Isc)	8.00A	8.13A	8.27A	8.41A	8.57A	8.68A	8.78A	8.89A	9.01A	9.15A	9.27A
Maximum System Voltage	1000VDC										
Power Tolerance	0~3%										
Operating Temperature	-40° C~+85° C										
Standard Test Conditions (STC)	Irradiance 1000W/m ² , Cell Temperature 25°C, AM1.5										

Mechanical Characteristics

Cell Type	Polycrystalline Cell 156 × 156mm
Number of Cells	72pcs (6 × 12)
Dimensions	1956 × 992 × 50mm
Weight	23.5kg
Frame	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT
Encapsulant	EVA

IV-Curves



Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	47°C (±2°C)
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.35%/°C
Temperature Coefficient of Isc	0.05%/°C

Dimensions

