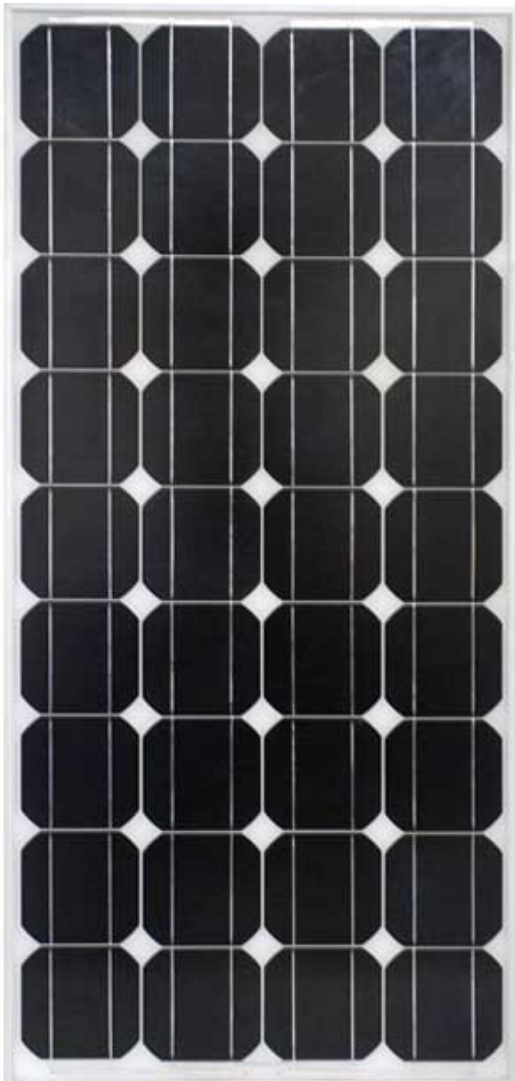




## Monocrystalline Photovoltaic Module

85W-95W



**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



[www.qjsolar.com](http://www.qjsolar.com)

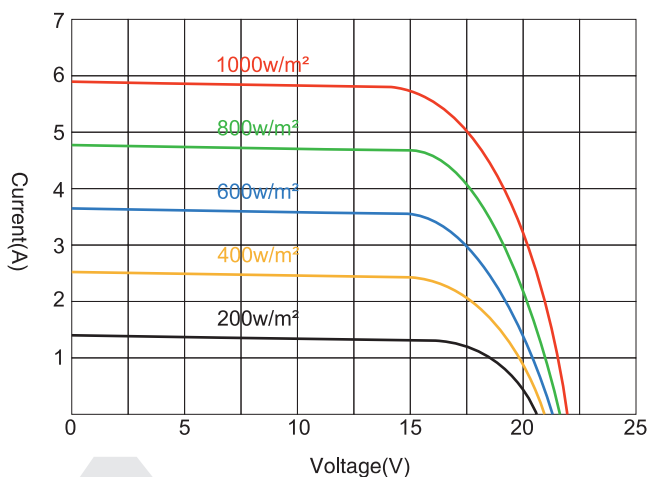
## Electrical Characteristics

Module Type	QJM85-36	QJM90-36	QJM95-36
Maximum Power ( Pmax )	85W	90W	95W
Maximum Power Voltage ( Vmp )	17.4V	17.6V	17.9V
Maximum Power Current ( Imp )	4.89A	5.11A	5.31A
Open Circuit Voltage ( Voc )	20.9V	21.1V	21.5V
Short Circuit Current ( Isc )	5.48A	5.72A	5.94A
Maximum System Voltage	1000VDC		
Power Tolerance	0 ~ 3%		
Operating Temperature	-40° C~+85° C		
Standard Test Conditions (STC)	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, AM1.5		

## Mechanical Characteristics

Cell Type	Monocrystalline Cell 125 × 125mm
Number of Cells	36pcs ( 4 × 9 )
Dimensions	1200 × 552 × 35mm
Weight	7.8kg
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

