



Q-SUN solar

Qrystal **P6**

Mono-Crystalline

370~385W

0~+5W POWER TOLERANCE

- High efficiency PERC single glass solar module ●
- Stronger properties, PID resistance, reduced hot spot loss ●
- Better temperature coefficient ●
- Harsh environmental adaptation ●

12 years material process warranty 

25 years power linear warranty 

**A sound quality management
system and product certification**

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality management system

ISO14001:2015: Environmental management system

ISO45001:2018: Occupational health and safety management system



20.6%
MAXIMUM CONVERSION

0~+5W
POWER TOLERANCE

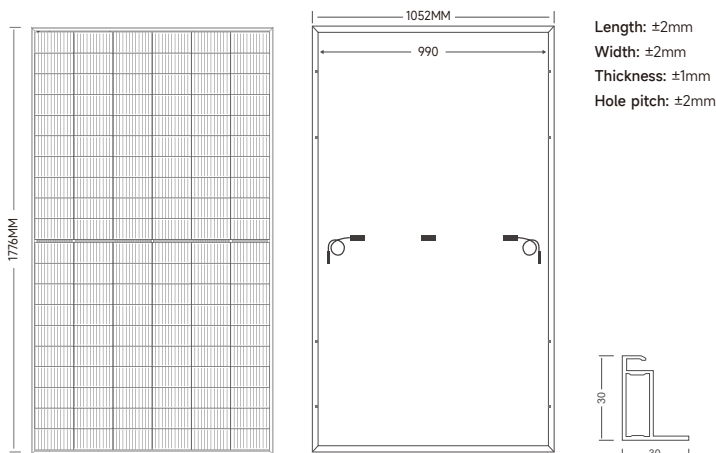
0.55%
0.55% PER YEAR OVER 25 YEARS

Half-Cut Module
LOWER TEMPERATURE COEFFICIENT

Specification

Cell Type	PERC Mono Crystalline, 10BB or 11BB
No. of Cells	120 [2x(6×10)] pcs
Dimension	1776x1052x30mm
Weight	19.2Kg±3%
Glass	3.2 mm Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68
Cable Length	300mm,1200mm (can be customized)

Mechanical Diagrams



Packing Standard

37pcs/pallet

40HQ: 26 pallets/container, 962pcs/container

Electrical Parameters At STC

Module Type	QN-370HH-S	QN-375HH-S	QN-380HH-S	QN-385HH-S
Peak Power-Pmax (W)	370	375	380	385
Open Circuit Voltage-Voc (V)	41.01	41.20	41.40	41.60
Short Circuit Current-Isc (A)	11.42	11.51	11.59	11.68
Maximum Power Voltage-Vmp(V)	34.50	34.70	34.90	35.10
Maximum Power Current-mp(A)	10.73	10.81	10.89	10.97
Module Efficiency - nm(%)	19.8	20.0	20.3	20.6

Electrical Parameters At NOCT

Maximum Power-Pmax(W)	276.3	280.0	283.8	287.6
Open Circuit Voltage-Voc (V)	38.30	38.50	38.70	38.90
Short Circuit Current-Isc (A)	9.32	9.38	9.45	9.52
Maximum Power Voltage-Vmp (V)	32.0	32.2	32.4	32.6
Maximum Power Current-Imp (A)	8.63	8.69	8.76	8.82

Operating Parameters

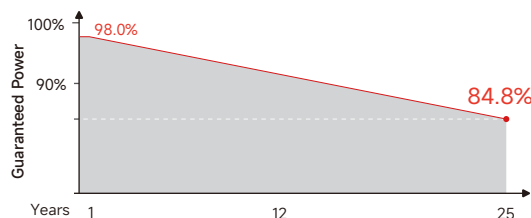
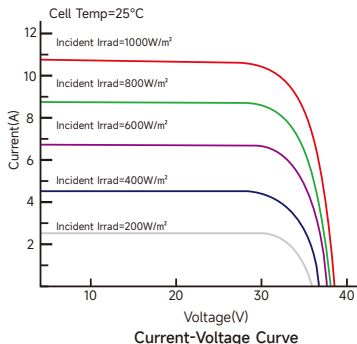
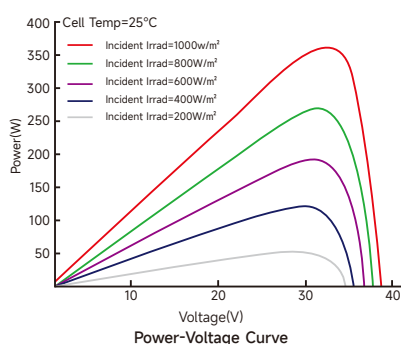
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature	45±2°C
Operational Temperature	-45°C~+85°C
Safety Class	Class II

Temperature Coefficient (STC Test)

Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.34%/°C

Load Capacity

Max Load Front	5400Pa
Max Load Back	2400Pa
Through Hail Testing	25mm Diameter, Impact Speed 23m/s



STC: Irradiance:1000W/m² | Battery temperature: 25°C | Atmospheric=1.5

NOCT: Irradiance:800W/m² | Ambien temperature: 20°C | Atmospheric=1.5 | Wind speed 1m/s

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