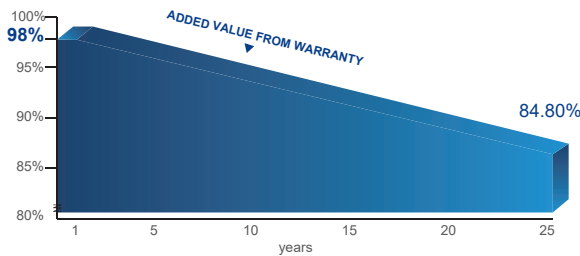


QSOLAR

295~410W

MONO 156.75/158.75 Series

- Classic**
- QS(295-330)-60M5
 - QS(360-390)-72M5
 - QS(305-335)-120M5
 - QS(365-410)-144M5



- 25** 25-year Warranty for Extra Linear Power Output
- 12** 12-year Warranty for Materials and Processing (1st year ≤ 2.0%, 2nd~25th years ≤ 0.55% / year)

COMPREHENSIVE CERTIFICATES

IEC61215/IEC61730/IEC61701/IEC62716
ISO9001:Quality Management System



FEATURES



OUTPUT POSITIVE TOLERANCE

Guaranteed 0~+5W positive tolerance ensures power output reliability.



INNOVATIONAL HALF-CELL TECHNOLOGY

Improves the module output, decreases the risk of micro-crack, enhances the module reliability.



INNOVATIVE PERC CELL TECHNOLOGY

Excellent cell efficiency and output.



REDUCE SHADOW LOSS

Effectively reduces the effect of shadow on the module surface.



REDUCE INTERNAL MISMATCH LOSS

Reduces mismatch loss and improves output.



PASSED HAIL TEST

Certified to hail resistance: ice ball size (d=25mm) and ice ball velocity



PID RESISTANCE

Excellent PID resistance at 96 hours (@85 C /85%) test, and also can be improved to meet higher standards for the particularly harsh environment.



www.qsolar.com.cn



Wechat



Whatsapp



URL

宁波康立特电子有限公司
Ningbo Quality Electronic Co., Ltd
宁波望春工业区科茂路312号
Add: 312 Kemao Road, Wangchun Industrial
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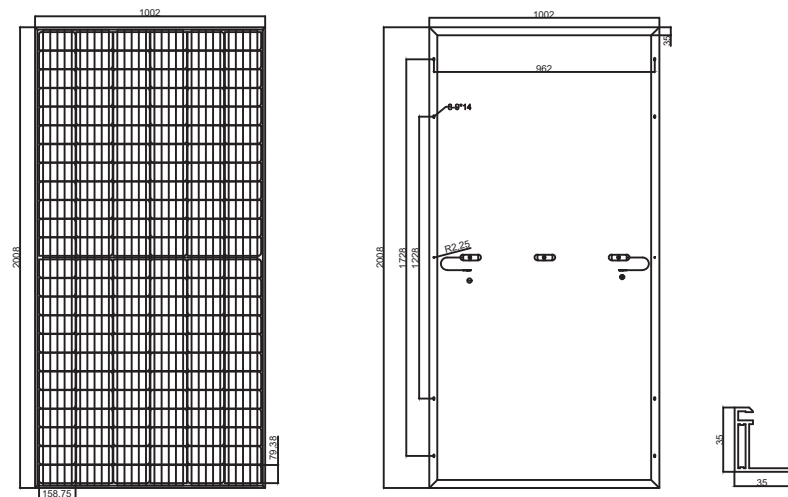
ITEM	QS310-60M5		QS380-72M5		QS335-120M5		QS410-144M5	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Max.Power(Pmax)	310	229.4	380	281.2	335	247.9	410	303.4
Opt.Operating Current(Imp)	9.44	7.55	9.50	7.60	9.69	7.75	10.03	8.02
Opt.Operating Voltage(Vmp)	32.84	30.54	40.03	37.23	34.60	32.18	40.90	38.04
Short Circuit Current(Isc)	9.91	7.93	10.05	8.04	10.29	8.23	10.63	8.50
Open Circuit Voltage(Voc)	40.30	37.48	48.71	45.30	40.70	37.85	49.50	46.04
Module Efficiency	19.05%		19.58%		19.85%		20.37%	
Module Power Tolerance	0/±5W							
Operating Temperature	-40°C~+85°C							
Max.System Voltage	1000V/1500V DC(IEC)							
Max.Series Fuse Rating	20A							
Application Level	A							
STC	Irradiance 1000W/m ² ,Cell temperature25°C,Spectrum AM1.5							
NOCT	Irradiance 800W/m ² ,Cell temperature20°C,Spectrum AM1.5,Wind speed 1m/s							

MECHANICAL DATA	QS310-60M5	QS380-72M5	QS335-120M5	QS410-144M5
Cell Type	156.75*156.75mm Monocrystalline,5BB	156.75*156.75mm Monocrystalline,5BB	158.75*158.75mm Monocrystalline,9BB	158.75*158.75mm Monocrystalline,9BB
Cell Arrangement	60 (6*10)	72 (6*12)	120 (6*10+6*10)	144 (6*12+6*12)
Dimensions	1640*992*35mm	1956*992*40mm	1684*1002*35mm	2008*1002*35mm
Weight	16.9kg±3%	20.5kg±3%	18.8kg±3%	22.5kg±3%
Front Glass	3.2mm tempered glass			
Frame	Anodized aluminum alloy			
J-Box	IP67,3diodes			
Cable	TUV(2pfg 1169:2007)4.0mm ² (0.006inches ²),(-)300/1100mm(43.3inches)and(+)300/1100mm(43.3inches)			
Connector	MC4			

PACKING SPECIFICATION

Item	20GP	40HQ	17.5M	Single Package(40HQ,2PCS/CTN)
1640*992*35mm	430PCS	980PCS	1750PCS	1010PCS
1956*992*40mm	304PCS	720PCS	1190PCS	770PCS
1684*1002*35mm	420PCS	980PCS	1750PCS	950PCS
2008*1002*35mm	356PCS	800PCS	1360PCS	780PCS

MODULE DIMENSION DETAILS



CURVE

