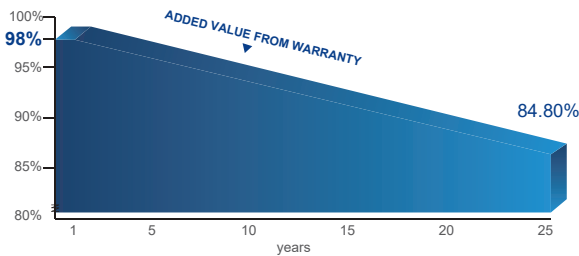


QSOLAR

385~665W

MONO 210 Series

- Classic**
- QS(385-405)-120HM12
 - QS(485-505)-150HM12
 - QS(485-505)-100HM10
 - QS(535-555)-110HM10
 - QS(585-605)-120HM10
 - QS(645-665)-132HM10



- 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.



LOWER OPERATING TEMPERATURE

Lower operating temperature and temperature coefficient increases the power output



DURABILITY AGAINST EXTREME ENVIRONMENTAL CONDITIONS

High salt mist and ammonia resistance.



ENHANCED MECHANICAL LOAD

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



REDUCE INTERNAL MISMATCH LOSS

Reduces mismatch loss and improves output.



REDUCE SHADOW LOSS

Effectively reduces the effect of shadow on the module surface.



PID RESISTANCE

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



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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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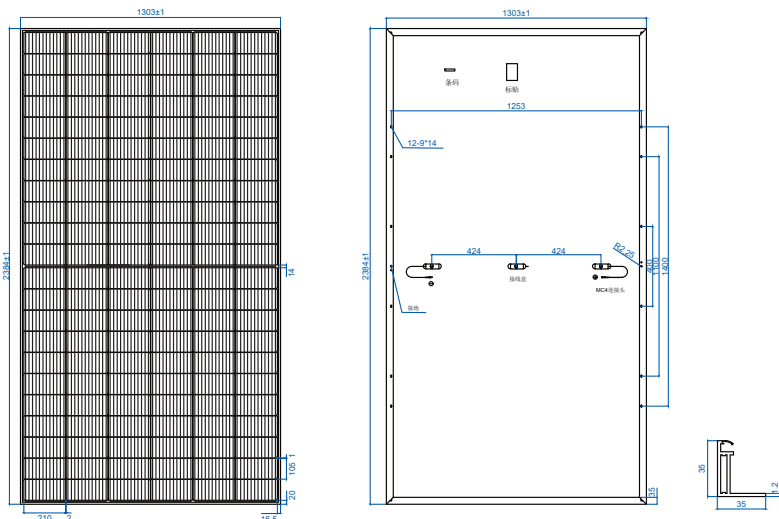
ITEM	QS405-120HM12	QS505-150HM12	QS500-100HM10	QS550-110HM10	QS600-120HM10	QS660-132HM10
STC/NOCT	STC NOCT	STC NOCT	STC NOCT	STC NOCT	STC NOCT	STC NOCT
Max.Power(Pmax)	405 306	505 382	500 379	550 417	600 454	660 500
Opt.Operating Current(Imp)	11.77 9.41	11.75 9.43	17.36 14.14	17.40 14.19	17.44 14.18	17.44 14.18
Opt.Operating Voltage(Vmp)	34.40 32.50	43.00 40.60	28.80 26.80	31.60 29.40	34.40 32.00	37.80 35.30
Short Circuit Current(Isc)	12.34 9.95	12.35 9.94	18.55 14.95	18.52 14.92	18.52 14.92	18.52 14.92
Open Circuit Voltage(Voc)	41.40 38.90	51.90 49.00	34.50 32.50	37.90 35.70	41.50 39.10	41.60 43.00
Module Efficiency	21.10%	21.10%	20.90%	21.00%	21.20%	21.20%
Module Power Tolerance	0/±5W					
Operating Temperature	-40°C~+85°C					
Max.System Voltage	1500V DC-(H)					
Max.Series Fuse Rating	25A/30A					
Application Level	A					
STC	Irradiance 1000W/m²,Cell temperature25°C,Spectrum AM1.5					
NOCT	Irradiance 800W/m²,Cell temperature20°C,Spectrum AM1.5,Wind speed 1m/s					

MECHANICAL DATA	QS405-120HM12	QS505-150HM12	QS500-100HM10	QS550-110HM10	QS600-120HM10	QS660-132HM10
Cell Type	210*210mm Monocrystalline,10BB			210*210mm Monocrystalline,12BB		
Cell Arrangement	120(5*12+5*12)	150(5*15+5*15)	100(5*10+5*10)	110(5*11+5*11)	120(6*10+6*10)	132(6*11+6*11)
Dimensions	1754*1096*35mm	2176*1096*35mm	2185*1098*35mm	2384*1096*35mm	2172*1303*35mm	2384*1303*35mm
Weight	21.0kg±3%	26.3kg±3%	26.5kg±3%	28.6kg±3%	30.9kg±3%	35.7kg±3%
Front Glass	3.2mm,High Transmission,Low Iron,Tempered Glass					
Frame	Anodized aluminum alloy					
J-Box	IP68					
Cable	TUV(2pfg1169:2007)4.0mm²(0.006inches²),(-)300/1100mm(43.3inches)and(+)300/1100mm(43.3inches)					
Connector	MC4					

PACKING SPECIFICATION

Item	20GP	40HQ	17.5M	Single Package(40HQ,2PCS/CTN)
1754*1096*35mm	312PCS	806PCS	1520PCS	850PCS
2176*1096*35mm	260PCS	620PCS	1280PCS	688PCS
2185*1098*35mm	266PCS	620PCS	1220PCS	684PCS
2384*1096*35mm	208PCS	600PCS	1120PCS	624PCS
2172*1303*35mm	212PCS	550PCS	1008PCS	584PCS
2384*1303*35mm	/	540PCS	988PCS	508PCS

MODULE DIMENSION DETAILS



CURVE

