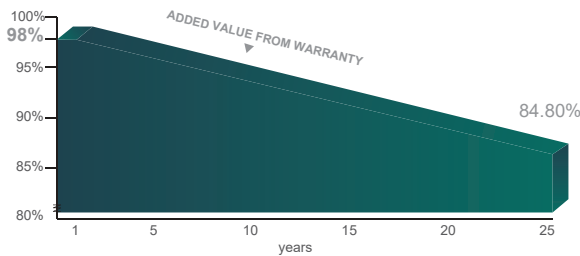


QSOLAR

350~455W

MONO ALL BLACK /BIFACIAL TRANSPARENT BACKSHEET

- Classic** QS(350-370)-120HMB6
 QS(385-405)-120HMB12
 QS(385-400)-108HMB8
 QS(435-455)-120HMT8



- 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.



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
 Park, 315000, Ningbo China

ITEM QS370-120HMB6 QS405-120HMB12 QS400-108HMB8 QS455-120HMT8

STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Max.Power(Pmax)	370	274.23	405	306	400	302	455	339
Opt.Operating Current(Imp)	10.74	8.71	11.77	9.41	13.19	10.55	13.25	10.60
Opt.Operating Voltage(Vmp)	34.46	31.48	34.40	32.50	30.35	28.67	34.36	31.97
Short Circuit Current(Isc)	11.18	9.15	12.34	9.95	13.59	10.96	13.95	11.26
Open Circuit Voltage(Voc)	40.95	38.60	41.40	38.90	37.21	34.96	41.62	39.29
Module Efficiency	20.00%		21.10%		20.65%		21.00%	
Module Power Tolerance	0/±5W							
Operating Temperature	-40°C~+85°C							
Max.System Voltage	1500V DC-(H)							
Max.Series Fuse Rating	20A/25A							
Application Level	A							
STC	Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5							
NOCT	Irradiance 800W/m², Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s							

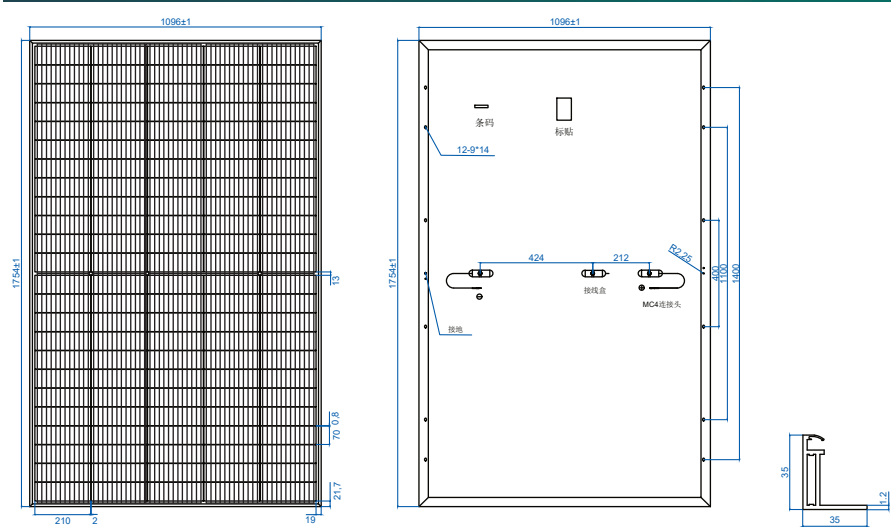
MECHANICAL DATA QS370-120HMB6 QS405-120HMB12 QS400-108HMB8 QS455-120HMT8

Cell Type	166*166mm Monocrystalline,9BB	210*210mm Monocrystalline,10BB	182*182mm Monocrystalline, P/N Type	182*182mm Monocrystalline,10BB
Cell Arrangement	120 (6*10+6*10)	120 (5*12+5*12)	108 (6*9+6*9)	120 (6*10+6*10)
Dimensions	1768*1048*35mm	1754*1096*35mm	1708*1134*35mm	1908*1134*35mm
Weight	21.0kg±3%	21.0kg±3%	20.0kg±3%	24.0kg±3%
Front Glass	3.2mm,High Transmission,Low Iron,Tempered Glass			
Frame	Black anodized aluminum alloy			
J-Box	IP68			
Cable	TUV(2pfg 1169:2007)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)
1768*1048*35mm	324PCS	806PCS	1558PCS	874PCS
1708*1134*35mm	312PCS	806PCS	1560PCS	840PCS
1908*1134*35mm	320PCS	744PCS	1404PCS	760PCS
1754*1096*35mm	312PCS	806PCS	1520PCS	850PCS

MODULE DIMENSION DETAILS



CURVE

