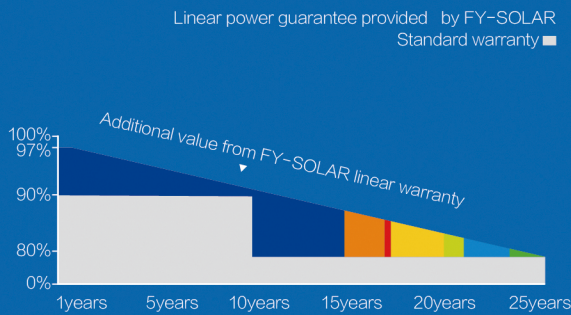


Mono



FY-120-325MH

FY-120-325MH FY-120-330MH
FY-120-335MH FY-120-340MH
FY-120-345MH



19.4%
output efficiency

10year
Material & Workmanship warranty

345W
Highest power output

25year
Linear power output warranty

Certifications for Incentives

- World-class manufacture of crystalline silicon photovoltaic modules
- Fully automatic facility and world -class tehcnology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001:2015 and OHSAS:18001 2007
- Tested for harsh environments(salt mist, ammonia corrosin and sand blowing test:IEC 61701,IEC 62716,DIN EN 60068-2-68)
- Long term reliability tests
- 2*100% inspection ensuring defact-free modules.

25 Year Linear Power Guarantee

- **Commercial**
10 yrsrs on material and manufacturing defects
- **Performance**
Power not less than 90% of power peak during the first 10 years
Power not less than 80% of power peak during the subsequent 25 years



Electrical Characteristics at STC

Type	FY-120-325MH	FY-120-330MH	FY-120-335MH	FY-120-340MH	FY-120-345MH
Maximum Power-Pmax(W)	325W	330W	335W	340W	345W
Tolerance Value for Power-%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Maximum Power Voltage-Vmpp(V)	33.6	33.8	34.0	34.2	34.4
Maximum Power Current-Impp(A)	9.68	9.77	9.87	9.96	10.04
Open Circuit Voltage-Voc(V)	41.1	41.3	41.5	41.7	41.9
Short Circuit Current-Isc(A)	10.20	10.31	10.36	10.55	10.64
Module Efficiency-η	19.26	19.56%	19.85%	20.15%	20.45%

Performance at STC: Irradiance of 1000W/m2 , Module temperature 77 ± 3.6°F(25 ± 2°C)AM 1.5 Power measurement tolerance: ± 3%

Electrical Characteristics at NOCT

Type	FY-120-325MH	FY-120-330MH	FY-120-335MH	FY-120-340MH	FY-120-345MH
Maximum Power-Pmax(W)	242W	246W	250W	253W	257W
Maximum Power Voltage-Vmpp(V)	31.6	31.8	32.0	32.2	32.4
Maximum Power Current-Impp(A)	7.66	7.74	7.82	7.86	7.94
Open Circuit Voltage(V)-Voc(V)	38.0	38.2	38.4	38.6	38.8
Short Circuit Current(A)-Isc(A)	8.54	8.65	8.74	8.86	8.97

Performance at NOCT: Irradiance 800W/m 2 , Ambient temperature 20℃,Wind speed 1m/SPower measurement tolerance: ± 3%

Temperature Coefficients(TC)

Temperature Coefficient of VOC(β)	-0.30%/°C
Temperature Coefficient of ISC(α)	+0.050%/°C
Temperature Coefficient of P max	-0.038%/°C

Permissible Operating Conditions

Maximum System Voltage	1000V
Operating Temperature Range	-40℃~+80℃
Maximum Surface Load Capacity	Test up to 5400pa according to IEC61215(Advancde test)
Resistance Against Hail	Maximum diameter of 1in.(25mm) impact speed of 51.5mph(23m/s)

Mechanical specifications

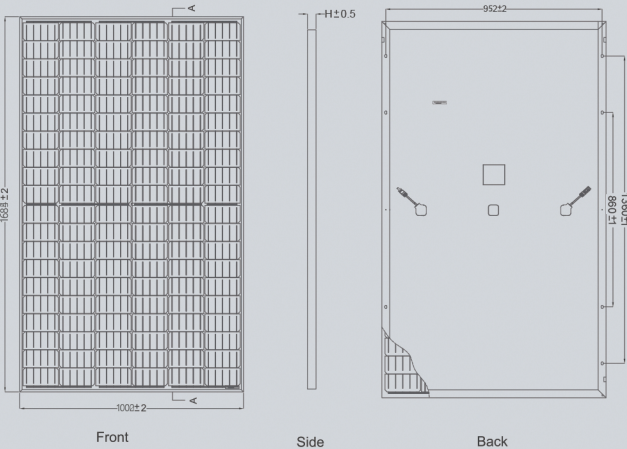
Cells	Monocrystalline cell with 5-busbars(120)
Junction Box	Ip67
Front Glass Thickness	3.2mm
Output Cables	anode 290mm, cathode 145mm or Customized Length
Frame Dimension	1684×1002×35mm
Weight	18.7KG

Packing Features

Frame Height	35mm
Qty/pallet(pcs)	31
Qty/40HC container(PCS)	806

FY-120-325MH

Engineering Drawings



Electrical Performance & Temperature Dependence

