

Bifacial module- double glass -6 inch*72



Electrical characteristics at Standard Test Conditions (STC)						
Model	SAB375-72M	SAB380-72M	SAB385-72M	SAB390-72M	SAB395-72M	SAB400-72M
Positive power tolerance	0-5W	0-5W	0-5W	0-5W	0-5W	0-5W
Max Power - Pmpp (W)	375	380	385	390	395	400
Open Circuit Voltage - Voc (V)	48.68	49.20	49.53	49.82	50.06	50.32
Short Circuit Current - Isc (A)	9.91	10.02	10.09	10.16	10.23	10.30
Max Power Voltage-Vmpp (V)	39.65	40.11	40.33	40.56	41.78	42.02
Max Power Current - Imp (A)	9.46	9.48	9.55	9.54	9.62	9.69
Module Efficiency(%)	18.94	19.19	19.44	19.70	19.95	20.20

Electrical data relates to standard test conditions (STC): irradiance 1000 W/m²; AM 1.5; cell temperature 25°C measuring uncertainty of power is within 0-5W. Certified in accordance with IEC61215:2016, IEC61730-1/2:2016

Electrical characteristics with different rear side power gain						
Model	SAB400-72M					
Power gain	5%	10%	15%	20%	25%	30%
Max Power - Pmpp (W)	420	440	460	480	500	520
Open Circuit Voltage - Voc (V)	50.32	50.42	50.52	50.62	50.72	50.82
Short Circuit Current - Isc (A)	10.45	10.82	11.23	11.65	12.07	12.49
Max Power Voltage-Vmpp (V)	41.72	41.82	41.92	42.02	42.12	42.22
Max Power Current - Imp (A)	9.99	10.38	10.77	11.15	11.53	11.91

Temperature Characteristics		Maximum Ratings	
Voltage Temperature Coefficient	-0.36%/K	Maximum system voltage (V)	1500V DC
Current Temperature Coefficient	+0.04%/K	Series fuse rating (A)	20A
Power Temperature Coefficient	-0.36%/K		

Mechanical Characteristics	
Dimensions	1984*998*30mm(Length*Width*Depth)
Weight	26.5kg
Frame Quadro	Anodized aluminum profile (Silvery/Black)
Front and Rear glass	2.5mm*2PCS , Front : tempered glass with AR coating
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back sheet (Black / White)	composite film
Cells	6*12 pieces Mono solar cells series strings(6INCH/5BB)
Junction Box	IP ≥68,3 diodes
Cable	4mm ²
Connector	MC 4

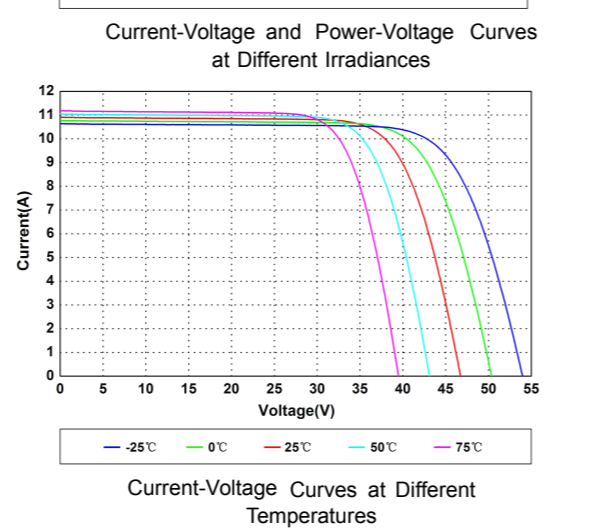
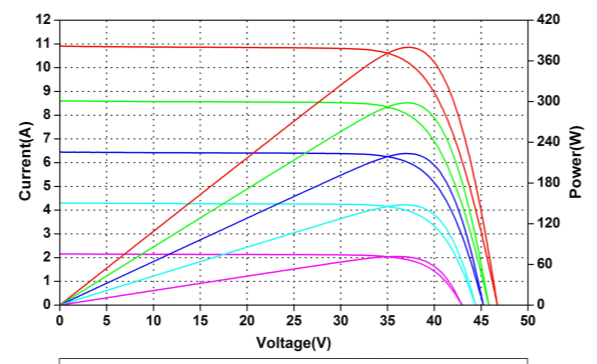
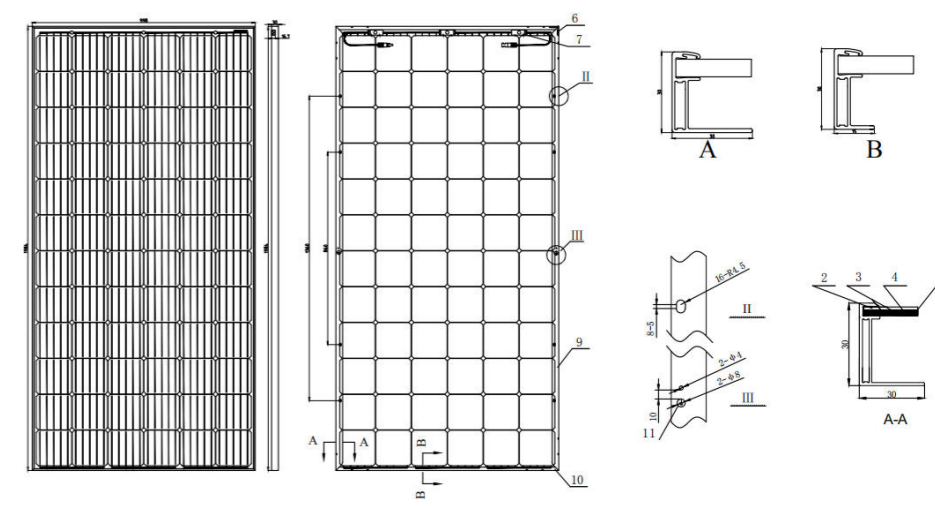
Note : We accept customized solar modules , such as frame , backsheet colors , length of cables

Packaging Embalagem	System Design Projeto de sistema
Container 20	350PCS
Container 40	770PCS
Container 40HQ	880PCS
temp. Range	-40°C to 85°C
Hail	tmax. diameter of 25mm with 23m/s impact speed
Max. capacity	Snow 5400 Pa, Wind 3600 Pa
Application class	A
Safety class	II
Pollution class	C
Backside rate	70%±5%

Rated cell operating temperature	
Rated cell operating temperature	45±2

Dimensions Note: Module layout below only valid for modules with 30mm thickness. All dimensions in mm

- Cell efficiency > 22.5%
- EL Double Inspection
- 12 years Material&workmanship warranty
- 30 years Linear power output warranty
- Good temperature coefficient enables higher output temperature regions
- Certified to bear 3600Pa wind load and 5400 Pa snow load



IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016 EN/IEC61730-1:2018 EN/IEC 61730-2:2018 IEC 61853-1:2011 IEC TS 62804-1:2015 IEC 61701:2011 IEC 62716:2013 IEC60068-2-68 LC2 KS C 8561:2016 EN50380:2003 ISO9001:2015 ISO14001:2015

