

Colored Glaze · Colorful

Colorful, crystalline silicon, green building materials (BIPV)

Building facade use, can replace traditional curtain wall or as a facade decoration

≥ 24 %

Cell efficiency



Unique color technology

More beautiful: various colors, high brightness, more translucent, different colors can be presented in the sun

Colorfast: The color is long-lasting and stable for a long time in outdoor environments

More Efficient: High-efficiency battery technology for higher power generation efficiency

Customization: can be customized in different colors, sizes, and shapes

25 YEAR

25 Year warranty



More energy efficient, cleaner and more environmentally friendly

Can reduce energy consumption: can reduce building energy consumption by 11%

Can generate electricity: photovoltaic power generation, active energy generation, more conducive to building carbon neutral

More environmentally friendly: no noise, no radiation, no light pollution, non-toxic and harmless

0-5w

Power output
tolerances

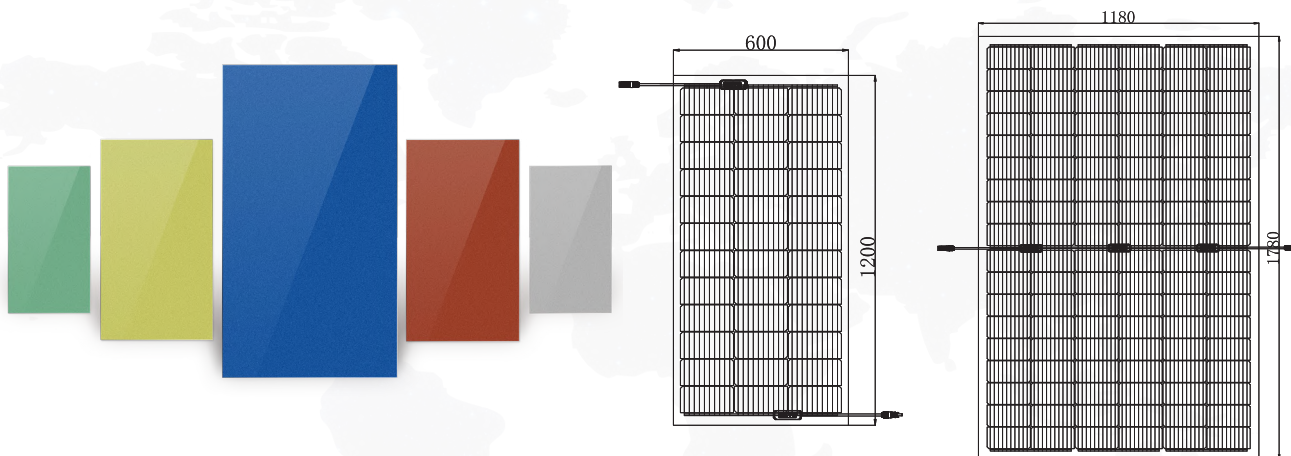


The same life as the building

Superior performance: construction-grade materials, in line with the four-property test of building materials, double waterproof, ClassA fireproof, excellent windproof and seismic performance

Reliable quality: high strength and corrosion resistance, high temperature and humidity resistance, suitable for extreme weather





ELECTRICAL PARAMETERS(STC)

Module type	JS115DG-18e 1/2	JS115DG-18e 1/2	JS115DG-18e 1/2	JS110DG-18e 1/2	JS100DG-18e 1/2
Color (customizable)	■ (JSA0603/JSA0605)	■ (JSA0402/JSA0405)	■ (JSA0102)	■ (JSA1102/JSA1105)	■ (JSA10-110)
Power output (P_{max})	115W	115W	115W	110W	100W
Power output tolerances (ΔP_{max})	0-5W	0-5W	0-5W	0-5W	0-5W
Module efficiency (η_m)	16.0 %	16.0%	16.0 %	15.3%	13.9%
Voltage at Pmax (V_{mpp})	20.2V	20.2V	20.2V	20.2V	20.0V
Current at Pmax (I_{mpp})	5.69A	5.69A	5.69A	5.45A	5.00A
Open-circuit current (V_{oc})	24.4V	24.4V	24.4V	24.4V	24.2V
Short-circuit current (I_{sc})	6.01A	6.01A	6.01A	5.75A	5.27A

ELECTRICAL PARAMETERS(STC)

Module type	JS345DG-27e 1/2	JS340DG-27e 1/2	JS340DG-27e 1/2	JS330DG-27e 1/2	JS295DG-27e 1/2
Color (customizable)	■ (JSA0603/JSA0605)	■ (JSA0402/JSA0405)	■ (JSA0102)	■ (JSA1102/JSA1105)	■ (JSA10-110)
Power output (P_{max})	345W	340W	340W	330W	295W
Power output tolerances (ΔP_{max})	0-5W	0-5W	0-5W	0-5W	0-5W
Module efficiency (η_m)	16.4%	16.2%	16.2%	15.7%	14.1%
Voltage at Pmax (V_{mpp})	30.2V	30.2V	30.2V	30.2V	30.0V
Current at Pmax (I_{mpp})	11.4A	11.3A	11.3A	10.9A	9.83A
Open-circuit current (V_{oc})	36.5V	36.5V	36.5V	36.5V	36.3V
Short-circuit current (I_{sc})	12.1A	11.9A	11.9 A	11.5A	10.4A

STC: 1000W/m² irradiance , 25 degree cell temperature, AM1.5g

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of P_{max}	γ	%/°C	-0.36
Temperature coefficient of V_{oc}	β_{Voc}	%/°C	-0.30
Temperature coefficient of I_{sc}	α_{Isc}	%/°C	0.05

CONSTRUCTION MATERIALS

Dimensions (L / W / TH)	1200*600mm	1780*1180mm
Glass (material / thickness)	Low-iron tempered glass / 6mm	Low-iron tempered glass / 6mm
Baseplate (material)	PVB	PVB
Junction box (protection degree)	≥IP67	≥IP67
Cable (length / cross-sectional area)	300mm / 4mm ² / Customizable	300mm / 4mm ² / Customizable
Plug connector (type / protection degree)	MC4 / IP67	MC4 / IP67
Packing	A pallets or wooden box	A pallets or wooden box
Dimensions of cell	182*91mm	182*91mm
Cell layout	3*12	2-6*9
Weight	24kg	70kg

OPERATING CONDITIONS

Maximum system voltage	1500V _{DC}
Maximum fuse rating	20A
Operating temperature	-40°C~+85°C
Max.static load,back(e.g.,snow)	5400Pa
Max.static load,back(e.g.,wind)	2400Pa
Max.hailstone impact(diameter/velocity)	25mm / 23m/s

Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed. The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.



Baoding Jiasheng Photovoltaic Technology Co., Ltd.

E-mail: commerce.gs@yingligroup.com

Hotline: +86-0312-7510221

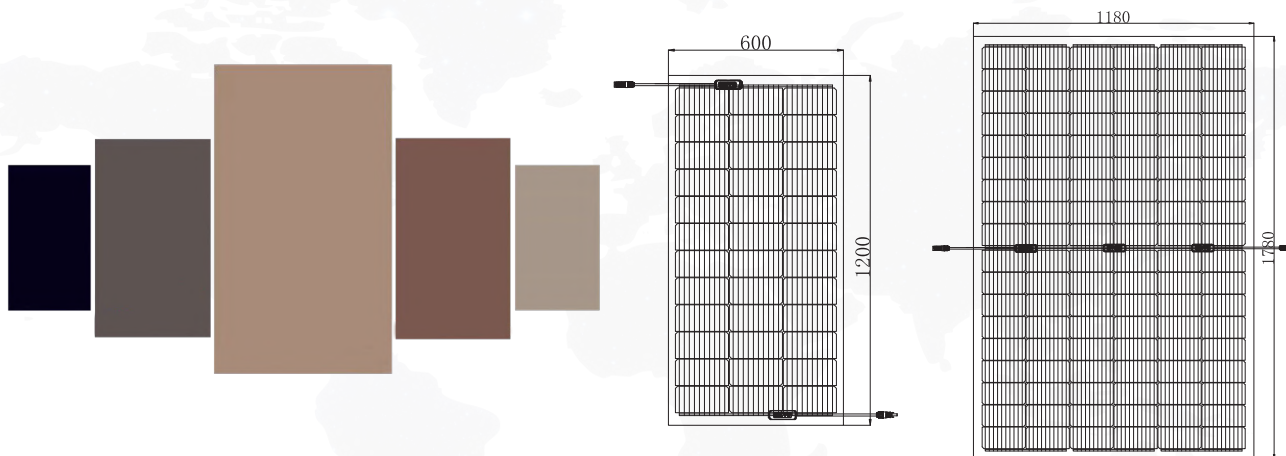
Address: No. 88 Hengyuan West Road, Baoding

National High-tech Zone, Hebei Province, China

Web address: www.gainsolarbipv.com

QUALIFICATIONS AND CERTIFICATIONS

IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.



ELECTRICAL PARAMETERS(STC)

Module type	JS90DG-18e 1/2	JS75DG-18e 1/2	JS85DG-18e 1/2	JS80DG-18e 1/2	JS75DG-18e 1/2
Color (customizable)	■ (JSA21-3-2)	■ (JSA01-203)	■ (JSA2201-5-5)	■ (JSA2303-901-1)	■ (JSA24020201-7)
Power output (P_{max})	90W	75W	85W	80W	75W
Power output tolerances (ΔP_{max})	0-5W	0-5W	0-5W	0-5W	0-5W
Module efficiency (η_m)	12.5 %	10.41%	11.8 %	11.11%	10.41%
Voltage at Pmax (V_{mpp})	20.52V	20.52V	20.52V	20.52V	20.52V
Current at Pmax (I_{mpp})	4.39A	3.65A	4.14A	3.90	3.65A
Open-circuit current (V_{oc})	24.62V	24.62V	24.62V	24.62V	24.62V
Short-circuit current (I_{sc})	4.61A	3.84A	4.35A	4.09A	3.84A

ELECTRICAL PARAMETERS(STC)

Module type	JS315DG-27e 1/2	JS255DG-27e 1/2	JS295DG-27e 1/2	JS265DG-27e 1/2	JS260DG-27e 1/2
Color (customizable)	■ (JSA21-3-2)	■ (JSA01-203)	■ (JSA2201-5-5)	■ (JSA2303-901-1)	■ (JSA24020201-7)
Power output (P_{max})	315W	255W	295W	265W	260W
Power output tolerances (ΔP_{max})	0-5W	0-5W	0-5W	0-5W	0-5W
Module efficiency (η_m)	15%	12.1%	14 %	12.6%	12.37%
Voltage at Pmax (V_{mpp})	61.56V	61.56V	61.56V	61.56V	61.56V
Current at Pmax (I_{mpp})	5.12A	4.14A	4.79A	4.3A	4.22A
Open-circuit current (V_{oc})	73.87V	73.87V	73.87V	73.87V	73.87V
Short-circuit current (I_{sc})	5.37A	4.35A	5.03A	4.52A	4.43A

STC: 1000W/m² irradiance , 25 degree cell temperature, AM1.5g

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of P_{max}	γ	%/°C	-0.36
Temperature coefficient of V_{oc}	β_{Voc}	%/°C	-0.30
Temperature coefficient of I_{sc}	α_{Isc}	%/°C	0.05

CONSTRUCTION MATERIALS

Dimensions (L / W / TH)	1200*600mm	1780*1180mm
Glass (material / thickness)	low-iron tempered glass / 6mm	low-iron tempered glass / 6mm
Baseplate (material)	PVB	PVB
Junction box (protection degree)	≥IP67	≥IP67
Cable (length / cross-sectional area)	300mm / 4mm ² / Customizable	300mm / 4mm ² / Customizable
Plug connector (type / protection degree)	MC4 / IP67	MC4 / IP67
Packing	A pallets or wooden box	A pallets or wooden box
Dimensions of cell	182*91mm	182*91mm
Cell layout	3*12	2-6*9
Weight	24kg	70kg

OPERATING CONDITIONS

Maximum system voltage	1500V _{DC}
Maximum fuse rating	20A
Operating temperature	-40°C~+85°C
Max.static load,back(e.g.,snow)	5400Pa
Max.static load,back(e.g.,wind)	2400Pa
Max.hailstone impact(diameter/velocity)	25mm / 23m/s

Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed. The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.



Baoding Jiasheng Photovoltaic Technology Co., Ltd.

E-mail: commerce.gs@yingligroup.com

Hotline: +86-0312-7510221

Address: No. 88 Hengyuan West Road, Baoding

National High-tech Zone, Hebei Province, China

web address: www.gainsolarbipv.com

QUALIFICATIONS AND CERTIFICATIONS

IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.