

Black Brick

Replace traditional stone for building facade

Imitation marble texture crystalline silicon photovoltaic building material (BIPV)



More beautiful

Exclusive optical nano-coating technology, can realize variety of imitation marble texture patterns
Customized size and shape, architectural aesthetics



More energy efficient

Reduce building energy consumption by 11%
It can be used in combination with the thermal insulation board, better thermal insulation performance



Safety

Construction encapsulant, more than 40 certification, same life as the building
GB/T35684 waterproof test, Class A fireproof, wind resistance



Eff. and stable operation

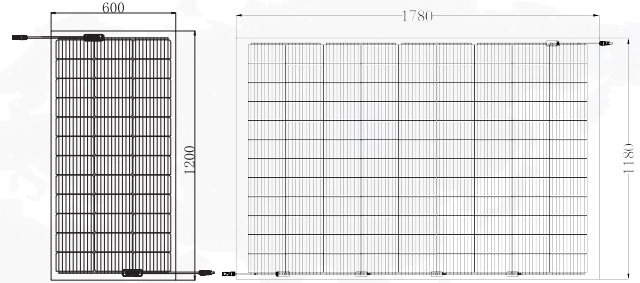
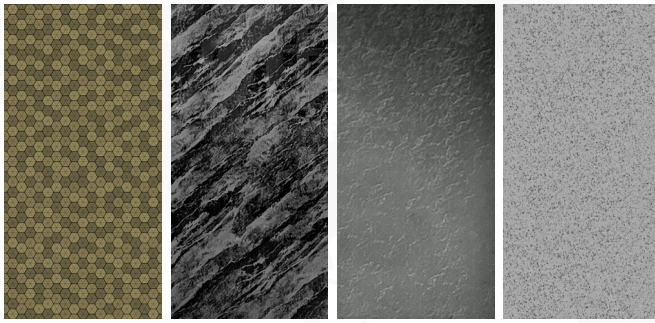
High-efficiency crystalline silicon, efficiency can reach 15%-17%



Easier to installation

Mechanical installation, hidden behind junction box more beauty, safety and durability
Metal pendant connected structure easy to installation with lower labor cost





ELECTRICAL PARAMETERS(STC)

Module type	JS115DG-13.5e 1/2	JS75DG-13.5e 1/2	JS60DG-13.5e 1/2	JS105DG-13.5e 1/2
Color (customizable)	JSA01105-LG	JSC1101-WFX	JSC0801-SSD	JSA10-110-XS-S
Power output (P_{max})	115W	75W	60W	105W
Power output tolerances (ΔP_{max})	0-5W	0-5W	0-5W	0-5W
Module efficiency (η_m)	15.97 %	10.42%	8.3%	14.58%
Voltage at Pmax (V_{mpp})	20.86V	26.17V	24.29V	20.84V
Current at Pmax (I_{mpp})	5.47A	2.80A	2.40A	4.85A
Open-circuit current (V_{oc})	24.90V	29.95V	27.92V	24.75V
Short-circuit current (I_{sc})	5.67A	2.97A	2.59A	5.01A

ELECTRICAL PARAMETERS(STC)

Module type	JS335DG 54e 1/2	JS205DG-54e 1/2	JS175DG-54e 1/2	JS290DG 54e 1/2
Color (customizable)	JSA01105-LG	JSC1101-WFX	JSC0801-SSD	JSA10-110-XS-S
Power output (P_{max})	335W	205W	175W	290W
Power output tolerances (ΔP_{max})	0-5W	0-5W	0-5W	0-5W
Module efficiency (η_m)	15.95 %	9.76%	8.3%	13.81%
Voltage at Pmax (V_{mpp})	61.56V	61.56V	61.56V	61.56V
Current at Pmax (I_{mpp})	5.44A	3.33A	2.84A	4.71A
Open-circuit current (V_{oc})	73.87V	73.87V	73.87V	73.87V
Short-circuit current (I_{sc})	5.71A	3.50A	2.98A	4.95A

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	9*12
Weight	24kg	70kg

OPERATING CONDITIONS

Maximum system voltage	1500V _{oc}
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.



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QUALIFICATIONS AND CERTIFICATIONS

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