PEROVSKITE MODULE

ECO DELTA

BIPV Imitation Stone Module

ECO-M072FS-***

Building-integrated aesthetics

APPlication scenario

Office building I Museum I Cultural landmark I Commercial space

☆Sound insulation☆Wind and water resistance☆Thermal insulation

Lower factory carbon emissions

Superior low-light power generation performance
Outstanding shading tolerance

Widely applicable in distributed commercial rooftops and ground-mounted power stations

Enhanced anti-PID performance
Hotspot-free performance
Microcrack-free guarantee

PRODUCT

Color	Blackgold	Dark green
*Customized facade: upon separate inquiry		

ELECTRICAL DATA @ STC

Maximum Power (Pmax /W)	110	80
Module Efficiency /%	15.3	11.1
Voltage at Maximum Power (Vmpp/V)	84.8	87.1
Current at Maximum Power (Impp/A)	1.30	0.92
Open Circuit Voltage (Voc /V)	99.7	102.3
Short Circuit Current (Isc /A)	1.43	1.02

*STC (Standard Test Condition): Irradiance 1000W/ ㎡ , Module Temperature 25°C, AM 1.5

ELECTRICAL DATA @ NMOT

Maximum Power (Pmax /W)	82.72	60.16
Voltage at Maximum Power (Vmpp/V)	79.6	81.7
Current at Maximum Power (Impp/A)	1.04	0.74
Open Circuit Voltage (Voc /V)	94.7	97.2
Short Circuit Current (Isc /A)	1.15	0.81

*NMOT (Under Nominal Module Operating Temperature): Irradiance of 800W/ ㎡ , Spectrum AM 1.5, Ambient Temperature 20°C, Wind Speed 1m/s

Temperature Coefficient (STC)

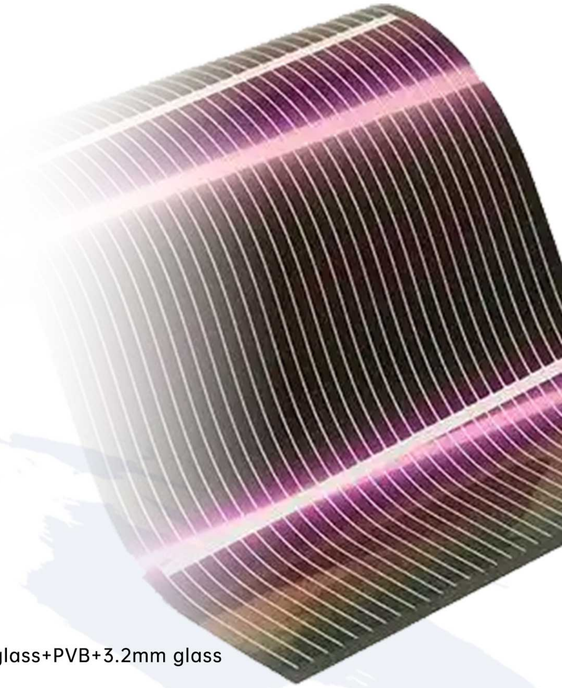
Temperature Coefficient of Pmax	-0.110%/°C
Temperature Coefficient of Voc	-0.101%/°C
Temperature Coefficient of Isc	-0.039%/°C

Operational Parameters

Maximum System Voltage	1500V
Operating Temperature	-40°C~85°C
Number of Diodes	1
Protection Grade	IP68
Maximum Series Fuse Rating	4A

Mechanical Parameters

Dimension	1200*600*11mm
Battery Type	Perovskite (Thin film)
Size	0.72m²
Product Layer	3.2mm marble imitation glass+PVB+3.2mm PVK glass+PVB+3.2mm glass
Cable Length	300 (-)mm/450 (+)mm
Mechanical Load	Front:5400Pa,Rear:5400Pa



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