聚石化学
POLYROCKS

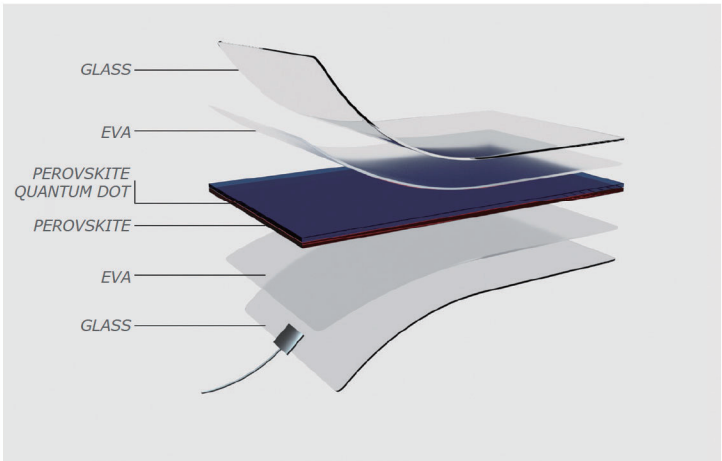
Building-integrated photovoltaics (BIPV) is a technology that integrates solar power generation products into buildings. It allows for the customization of component sizes and specifications based on user needs. While preserving the original functionality of the building, it seamlessly combines architectural aesthetics, energy efficiency, structural integrity, and high photovoltaic conversion efficiency.

Advantages of Color Modules

1. Great low irradiance efficiency
   Highest power generation for the same color type
2. Bright and vivid colors
   High color accuracy
3. Reduced power generation costs
   Excellent returns

12 Year
Limited Product Warranty

25 Year
Linear Performance Warranty



Using quantum technology to convert specific wavelengths of light (such as ultraviolet and nonvisible light) into desired spectra, high-efficiency colorful perovskite photovoltaic modules are developed

PR Color Series

Mechanical Specification

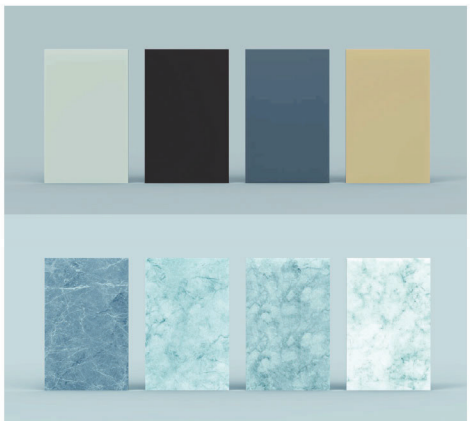
Format	1245*635*11mm		
Thickness	3.2mm	**Cell**	Perovskite
Post-Encapsulation Glass Thickness	11mm	**No. of Cells**	188
Area	0.79m²	**Packaging Pnformation**	40pcs/pkg
Weight	21kg	**Conductor Size**	2.5mm², 350mm
Product structure	3 Layers Of Glass 3.2mm+3.2mm+3.2mm		
Front Cover	3.2mm Ultra-White Tempered Glass	**Back Panel**	3.2mm Semi-Tempered Glass

Electrical Characteristics

Model	Pine Green	Signal Green	Red Brown	Traffic Red	Sapphire Blue	Pastel Blue	Squirrel Gray	Blue Gray	Signal White
Nominal Power(W)	85	70	85	55	80	65	90	105	60
Color									
Voltage at P_{max}(V)	155.37	155.37	155.37	155.37	155.37	155.37	155.37	155.37	155.37
Current at P_{max}(A)	0.55	0.45	0.55	0.35	0.51	0.42	0.58	0.68	0.39
Open Circuit Voltage(V)	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0
Short Circuit Current(A)	0.60	0.49	0.60	0.39	0.56	0.46	0.63	0.74	0.42

STANDARD TEST CONDITIONS (1000W/m², AM 1.5, 25°C)2

PR Custom Series



Mechanical Specification

Format	1245*635~1905*1245mm(By Order)		
Thickness	3~8mm	**Cell**	Perovskite
Post-Encapsulation Glass Thickness	8~20mm	**No. of Cells**	By Order
Area	0.79~2.37m²	**Packaging Pnformation**	By Order
Weight	By order	**Conductor Size**	2.5mm², 350mm
Product Structure	3 Layers Of Glass 3.2mm+3.2mm+3.2mm		
Front Cover	3.2mm Ultra-White Tempered Glass	**Back Panel**	3.2mm Semi-Tempered Glass

Electrical Characteristics

Model	Custom Module
Nominal Power(W)	50~145W/m²
Voltage At P_{max}(V)	By Order
Current At P_{max}(A)	By Order
Open Circuit Voltage(V)	By Order
Short Circuit Current(A)	By Order

STANDARD TEST CONDITIONS (1000W/m², AM 1.5, 25°C)2

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