

MQ- α^2 - Perovskite Color Series module

Power Range **50~ 145W/m²**

- ◆ Seamless architectural aesthetics
- ◆ Vibrant colors that add life and variety
- ◆ Customizable with millimeter precision
- ◆ Fully compatible with glass curtain wall systems

 25-year linear power output warranty

 12-year product materials & process warranty

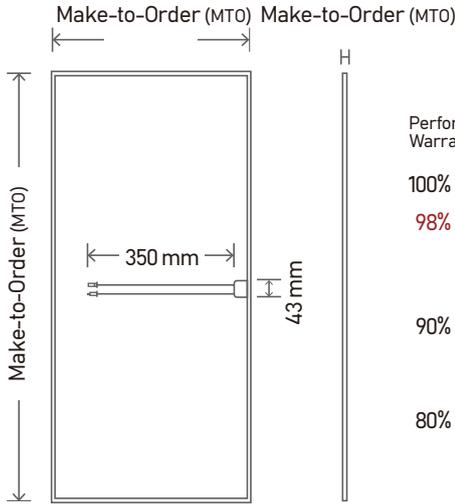
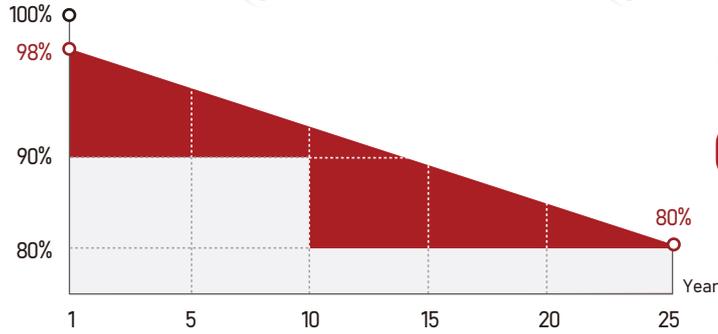
Certifications

IEC 61215, IEC 61730, IEC 63209-1

ISO 9001:2015 (Quality Management)

ISO 14001:2015 (Environmental Management)

ISO 45001:2018 (Occupational Health & Safety)


Performance Warranty
25
25-year linear power output warranty
12
12-year product materials & process warranty

2% Initial-year degradation rate

0.7% Annually

■ Linear Performance Warranty
■ Standary Warranty

Product Specifications

Module	Open-Circuit Voltage (V_{oc})	Max.Power Voltage (V_{mp})	Short-Circuit Current (I_{sc})	Max.Power Current (I_{mp})	Peak Power (P_{max})
Customizable	Make-to-Order (MTO)	Make-to-Order (MTO)	Make-to-Order (MTO)	Make-to-Order (MTO)	50-145 W/m ² (MTO)

Color	Make-to-Order (MTO)
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Electrical Characteristics

Cell	System Voltage (V)	Rated Current (A)	Dimension (mm)	Weight (kg)
Perovskite	1500	1.5	Make-to-Order (MTO)	Make-to-Order (MTO)

Load Ratings

Max.Static Load (Front)	Max.Static Load (Back)
2400 Pa	2400 Pa

Hail Durability Tes (HDT)
Diameter 25mm Velocity 23m/s

Temperature Coefficients

Temp. Coefficient of P_{max} (% / °C)	0.10914
Temp. Coefficient of V_{oc} (% / °C)	0.05621
Temp. Coefficient of I_{sc} (% / °C)	-0.06112

Featured Cases


Quzhou High-Speed Rail New City Phase II rooftop plant

Grid-connected: May 2021


Hangzhou Yinlingguan "Poetic Zhejiang" ground plant

Grid-connected: Oct. 2021


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