

Power Generation under Low Light Long-Lasting Endurance

Innovative Applications of BOE Perovskite Photovoltaics
in Low-Light Scenarios

Change Lives With Clean Energy



BOE Website



No Wiring Required



Battery-Free



Easy Installation



Low Maintenance

Excel in indoor low light Power the Internet of Everything

| Superior Low-Light Adaptability

Starts generating power at low illuminance; performance in low light far exceeds traditional solutions

| Cost Reduction & Hassle-Free

No pre-buried wiring, no regular battery replacement, more cost-effective for long-term operation and maintenance

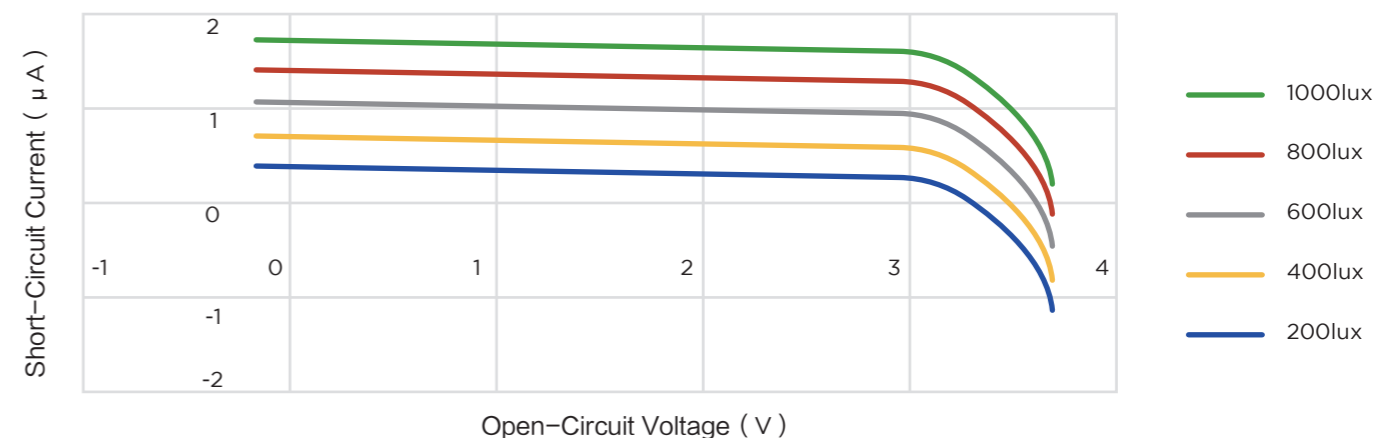
| Diversified Customization

Ultra-thin material, customizable size, integrated design for more seamless installation

| Safe, Long-Lasting & Durable

Class C low-voltage safety level, safe for human touch

I-V Curves Under Different Illuminance Levels



Product Parameters

Product Model	BOE-R-C24	
Battery	Cell	Perovskite
	Efficiency (%)	>30%@300lux
	Cell Size (mm)	Customizable (Length & Width < 280mm)
	Number of Sub-Cells	Customizable
Electrical Parameters-STC	Operating Efficiency (300lux)	24µ W/cm ²
	Peak Operating Voltage (V)	2.4-32
	Peak Operating Current (µA)	0.75-10
	Open-Circuit Voltage (V)	3-40
	Short-Circuit Current (µA)	1-12
Structure	Structure Composition	Glass + Perovskite Cell + Glass
	Front Sheet	Glass
	Back Sheet	Glass
	Wiring	Positive & Negative Leads
Temperature Coefficients	Temperature Coefficient of Pmax %/°C	-0.003
	Temperature Coefficient of Voc/°C	0.001
	Temperature Coefficient of Isc%/°C	0
Warranty / Lifetime	5 Years	



*Illustrations, data and descriptions in this promotional material are for design or illustration purposes only. The company reserves the right to change product appearance, technical specifications, functional configuration, etc. All shall be subject to the final delivered products and the latest official announcements.