



远东绿能
FAREAST GREEN ENERGY

LIGHT SERIES

A New Breakthrough in Architectural Art

The Preferred BIPV Solution – Brand-New Upgrade



Dazzling Appearance



Efficient Power Generation



Building Material Attribute



Class A Fire Resistance



Ultra-High Load Capacity



Global Certifications



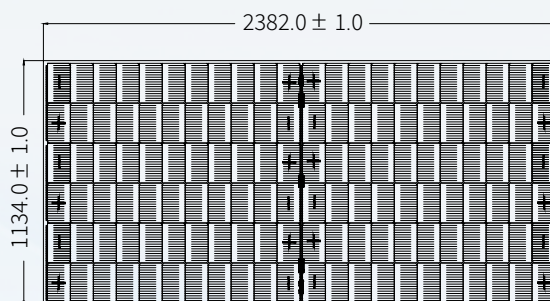
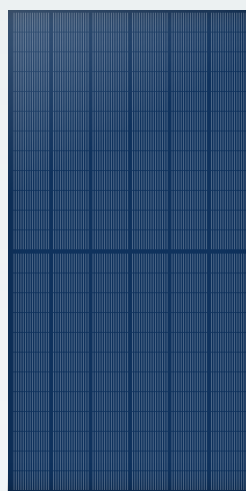


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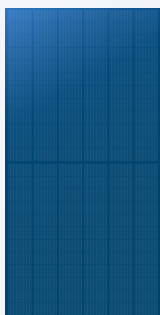
Light Pro Roof

Technical parameter

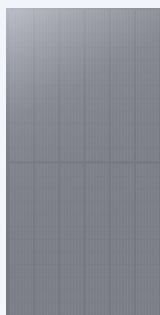
Battery arrangement	TOPcon/132 (66 x 2)
Connecting box	IP68 protection rating
Export wire (including connectors)	4.0mm ² , (wire length) ±650 mm; or customized
Glass	Double-pane glass: 3.2mm colored enamel glass + 2mm semi-tempered glass (customizable)
Product weight	64kg
Product size	1134 x 2382mm(customizable size)
Working temperature	-40°C~85°C
Power tolerance	± 5W
Nominal operating temperature	45±2°C
Component fire resistance rating	Class A (IEC 61730/UL790)
Maximum backplane static load	9000Pa
Through hail testing	Diameter 25mm, impact velocity 23m/s



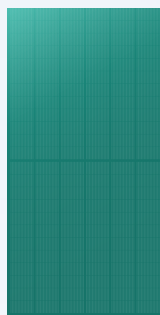
Five standard colors (Color customizable)



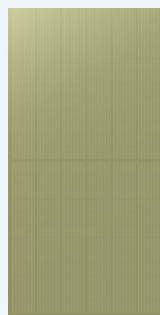
Dawn Blue
200 ~ 210W/m²



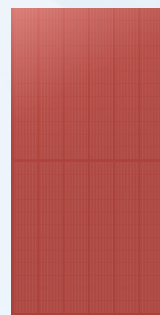
Slate Gray
200 ~ 210W/m²



Sage Green
200 ~ 210W/m²



Antique Gold
160 ~ 170W/m²



Ruby Red
150 ~ 160W/m²

Linear Power Attenuation

21%

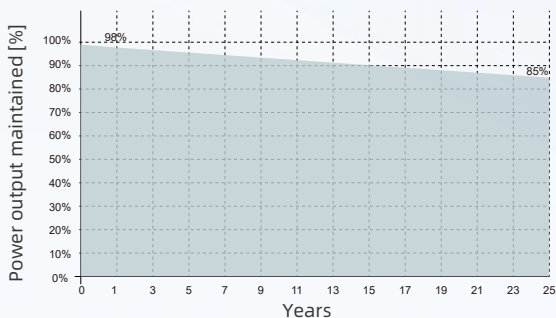
maximum
conversion efficiency

<1.0%

first year power
attenuation

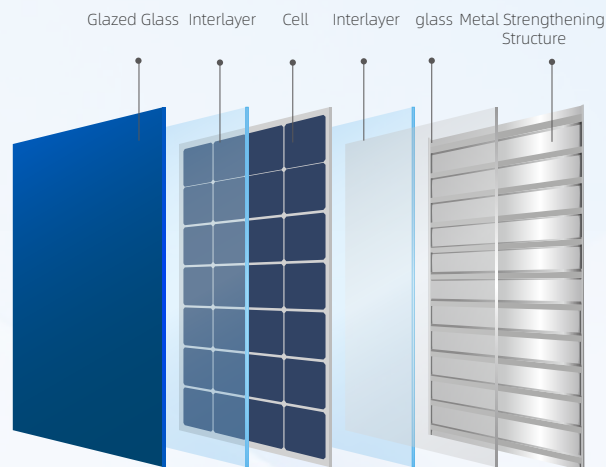
≤0.5%

Annual power attenuation
from 2 to 25 years



BIPV Products Feature Far East Green Energy's Proprietary High-Performance Colored Enamel Glass.

*The above parameters are for reference only. Please refer to the project design and customization details for specific requirements.



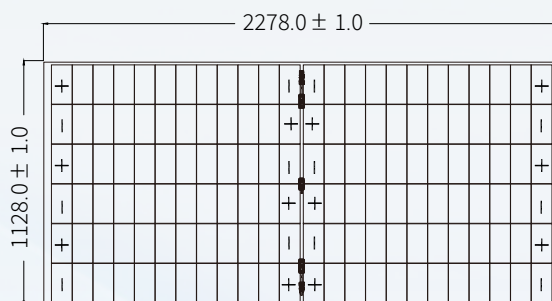


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Light Pro Facade

Technical parameter

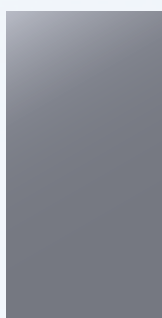
Battery arrangement	ABC /144 (72x2)
Connecting box	IP68 protection rating
Export wire (including connectors)	4.0mm ² , (wire length) ±650 mm; or customized
Glass	Double-pane glass: 3.2mm colored enamel glass + 2mm semi-tempered glass (customizable)
Product weight	64kg
Product size	1128 x 2278mm(Customizable size)
Working temperature	-40°C~85°C
Power tolerance	± 5W
Nominal operating temperature	45±2°C
Component fire resistance rating	Class A (IEC 61730/UL790)
Maximum backplane static load	9000Pa
Through hail testing	Diameter 25mm, impact velocity 23m/s



Five standard colors



Dawn Blue
200 ~ 210W/m²



Slate Gray
200 ~ 210W/m²



Sage Green
200 ~ 210W/m²



Antique Gold
160 ~ 170W/m²



Ruby Red
150 ~ 160W/m²

Linear Power Attenuation

21%

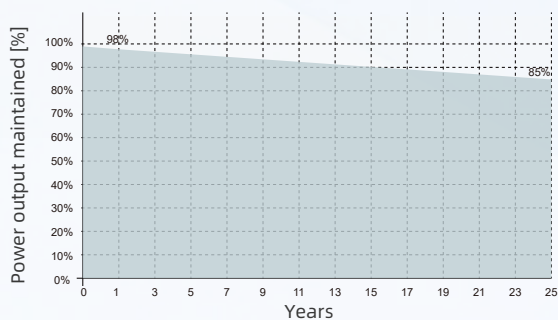
maximum
conversion efficiency

<1.0%

first year power
attenuation

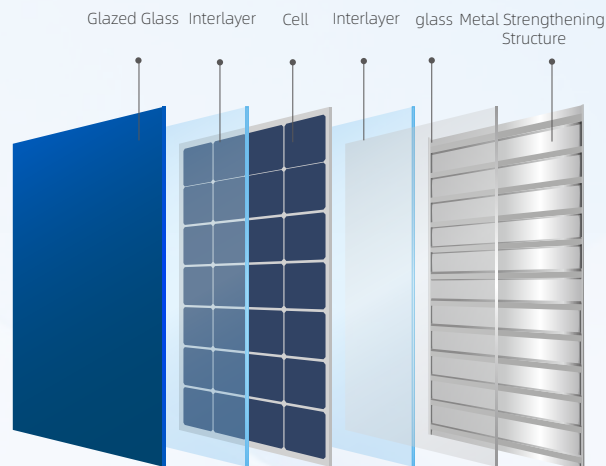
≤0.5%

Annual power attenuation
from 2 to 25 years



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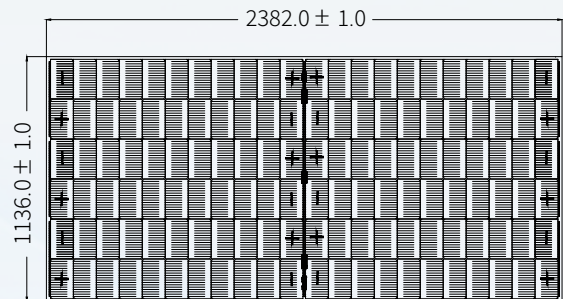
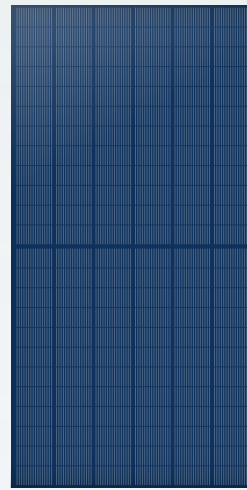


远东绿能
FAREAST GREEN ENERGY

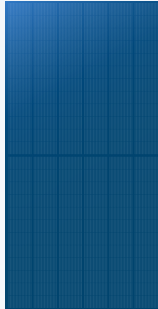
Light PLUS

Technical parameter

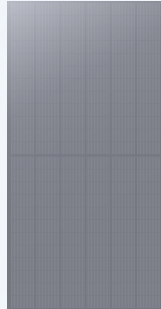
Battery arrangement	TOPcon/132 (66 x 2)
Connecting box	IP68 protection rating
Export wire (including connectors)	4.0mm ² , (wire length) ±650 mm; or customized
Glass	Double-pane glass: 3.2mm colored enamel glass + 2mm semi-tempered glass (customizable)
Product weight	45kg
Product size	1136 x 2382mm(Customizable size)
Working temperature	-40°C~85°C
Power tolerance	± 5W
Nominal operating temperature	45±2°C
Component fire resistance rating	Class A (IEC 61730/UL790)
Maximum backplane static load	5000Pa
Through hail testing	Diameter 25mm, impact velocity 23m/s



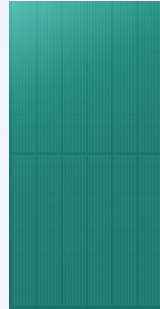
Five standard colors



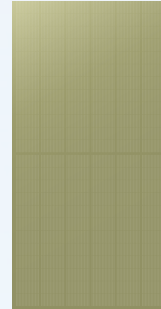
Dawn Blue
200 ~ 210W/m²



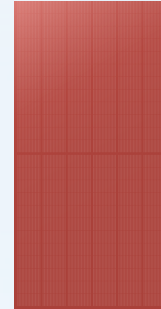
Slate Gray
200 ~ 210W/m²



Sage Green
200 ~ 210W/m²

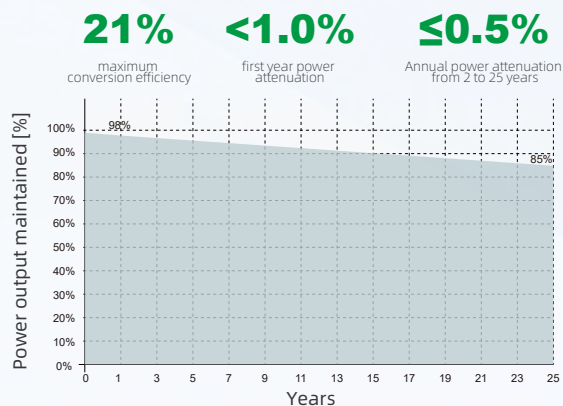


Antique Gold
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Linear Power Attenuation



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