



LSK Green Group



LSK Green Group

With over 20 years of experience in energy consumption management, our team of experts is dedicated to delivering personalized energy solutions that meet the unique needs of our clients.

As a pioneering broker in community power sources, we are committed to sourcing renewable energy from our own and other sources.

At our core, we believe that by working together, we can build a more sustainable future.



LSK
GREEN ACQUISITION s.r.o.



LSK
GREEN DEVELOP s.r.o.



LSK
GREEN COMPONENT s.r.o.



LSK
GREEN ENERGY s.r.o.



LSK
PV s.r.o.



LSK Green Group



HIGH / MID RISE
BUILDINGS



INSTITUTIONAL
BUILDINGS



INDUSTRIAL
BUILDINGS



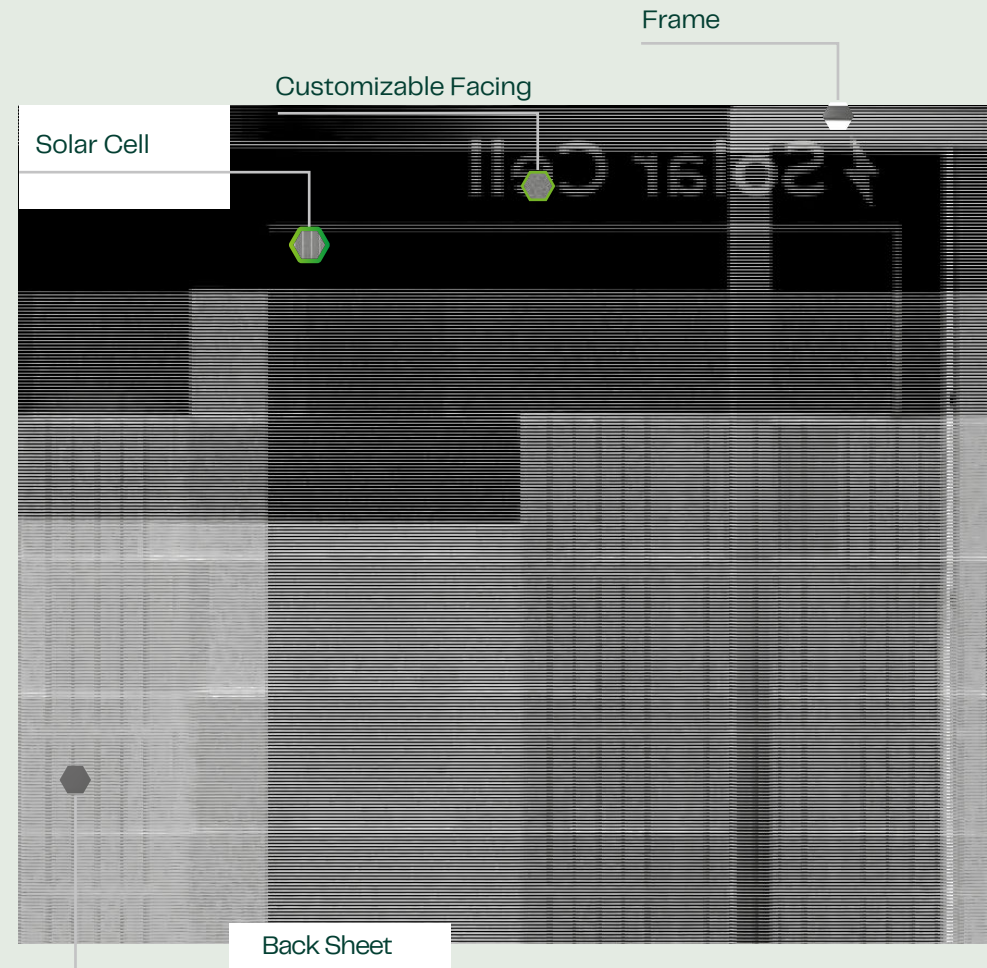
SOLAR ROOF
SYSTEMS



SOLAR ROOF

Mitrex solar roof panels allow for integration into the colour and pattern of non-solar roofing. Made with high efficiency monocrystalline silicon solar cells for decades of service.

Lightweight, durable, weatherproof, UV-stable and fade-resistant colours, year electricity generation warranty and performance.



SOLAR ROOF

 MITREX
BUILDING-INTEGRATED SOLAR TECHNOLOGY



⚡ 310W – Spanish Clay Tile



ELECTRICAL SPECIFICATIONS	SOLAR ROOF SPANISH CLAY
Test Conditions	STC
Module Power (P _{max})	310W
Maximum Power Voltage (V _{pmax})	40.6V
Maximum Power Current (I _{pmax})	7.64A
Open Circuit Voltage (V _{oc})	48.5V
Short Circuit Current (I _{sc})	8.03A
Module Efficiency	15.3%
Maximum System Voltage (VDC)	1000V (IEC/UL)
Series Fuse Rating	20A
Power & Other Electrical Specification Tolerance	5%
Application Classification	Class A

Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C

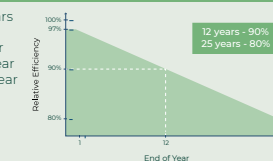
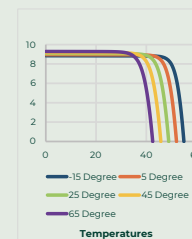
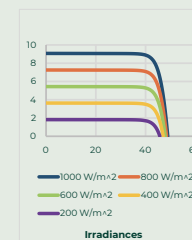
MECHANICAL PROPERTIES	METRIC
Module Weight	22 kg
Dimensions (H x L x D)	2036 x 996 x 40mm
Mechanical Test Load (Snow/Wind)	5400Pa front load / 5400Pa rear load
Hail Impact Resistance	ø 25mm at 83 km/h
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)
Glass	3.2mm tempered glass, high transmittance, anti-reflective coating
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm ² , 12 AWG (UL) MC4 from Staubli
Pattern Orientation	Landscape & Portrait
Backsheet	High durability, UV resistant, PV backsheet
Frame	Anodized aluminum alloy black frame
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)
Junction Box	IP68 rated, TUV and UL certified
Fire Rating	Type II

TEMPERATURE RATINGS	WARRANTY
Temperature Coefficient I _{sc}	0.036% /°C
Temperature Coefficient V _{oc}	-0.27% /°C
Temperature Coefficient P _{max}	-0.36% /°C
Nominal Module Operating Temperature	42 ± 3°C
Operating Temperature	-40°C ~ +85°C

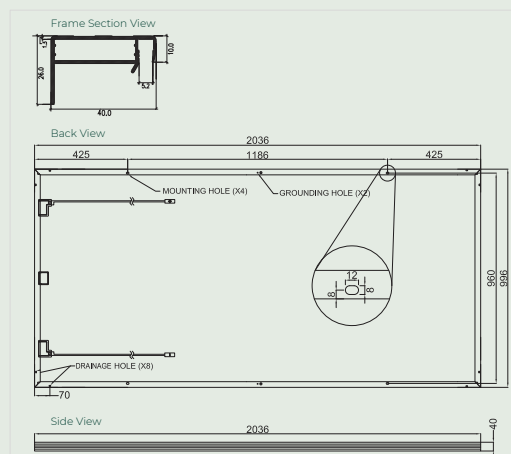
WARRANTY

Product Warranty: 25 years
Performance Warranty:

- ≥ 97% end of 1st year
- ≥ 90% end of 12th year
- ≥ 80% end of 25th year



ENGINEERING DRAWING



CERTIFICATIONS

UL 61730-1/-2, CSA C22.2 #61730-1/-2, IEC 61730-1/-2, UL 61215-1/-2, IEC 61215-1/-2, CSA 61215-1/-2, CEC Listed

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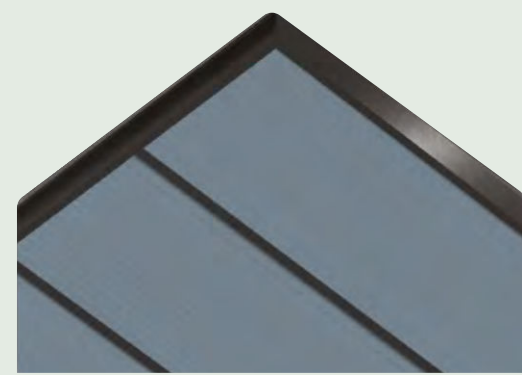
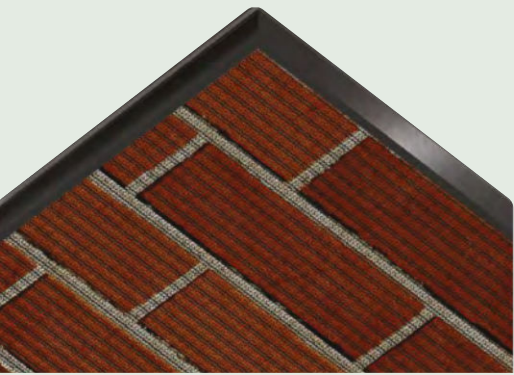


LSK Green Group



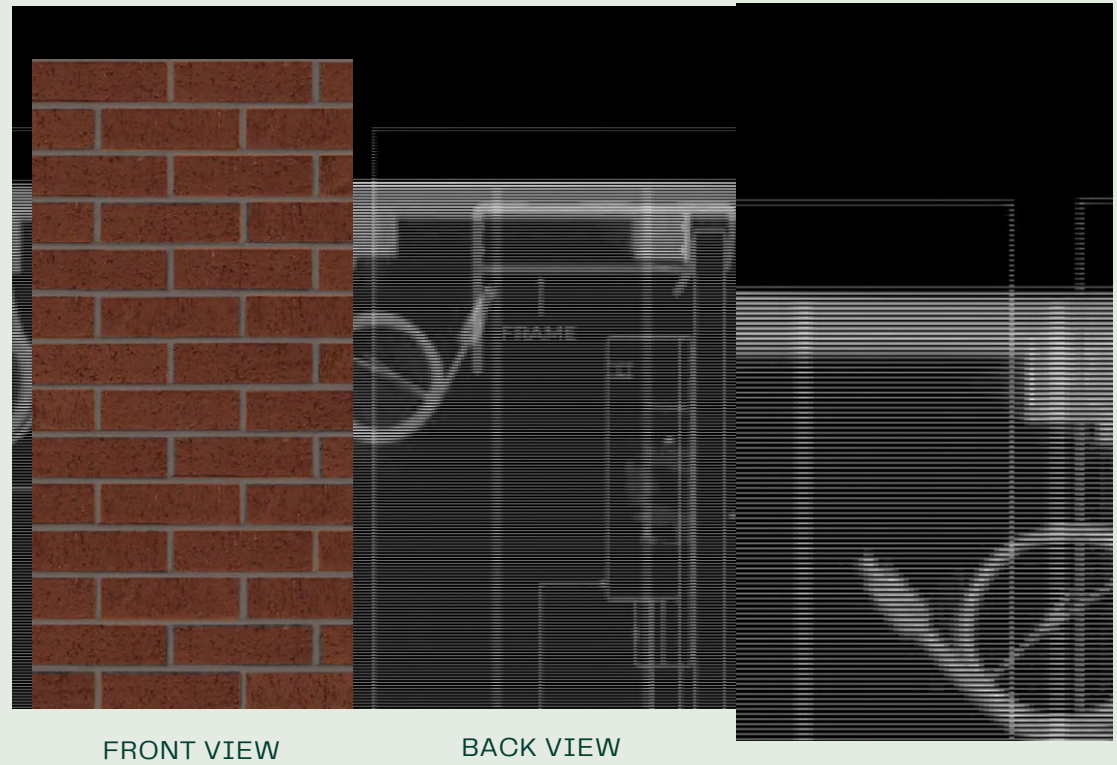
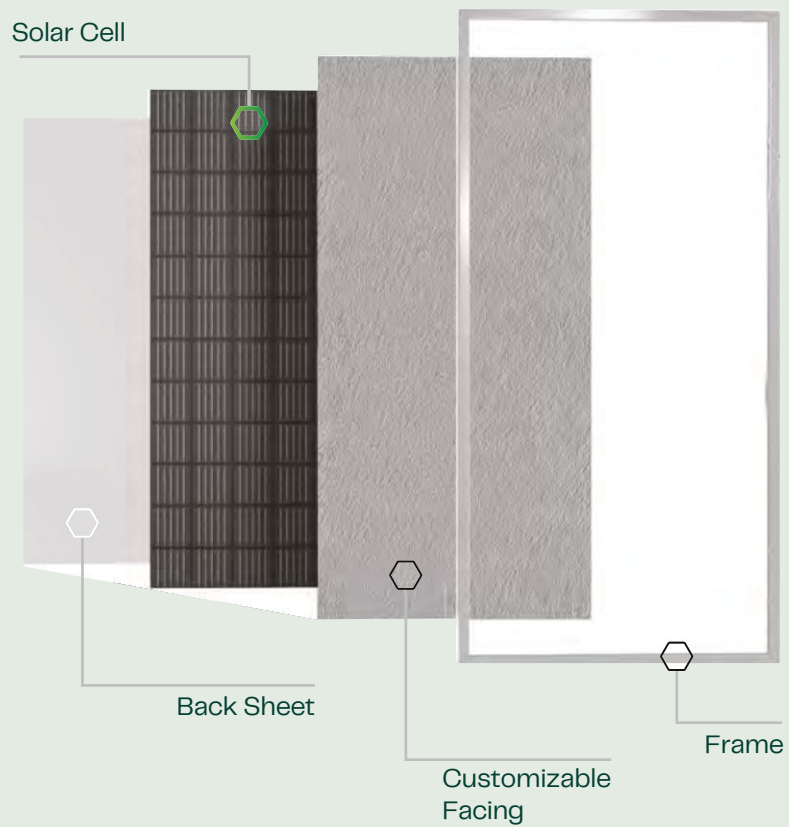
SOLAR SIDING

Solar Siding comes in 4 popular design options and can be easily incorporated onto new or existing structures. Panels are easy to install, and treated to ensure high performance and low maintenance energy generation.





SOLAR PV MODUL



SOLAR SIDING





⚡ 265W — Rubrica Brick



⚡ 265W — Dark Beige



⚡ 305W — Brown Wood



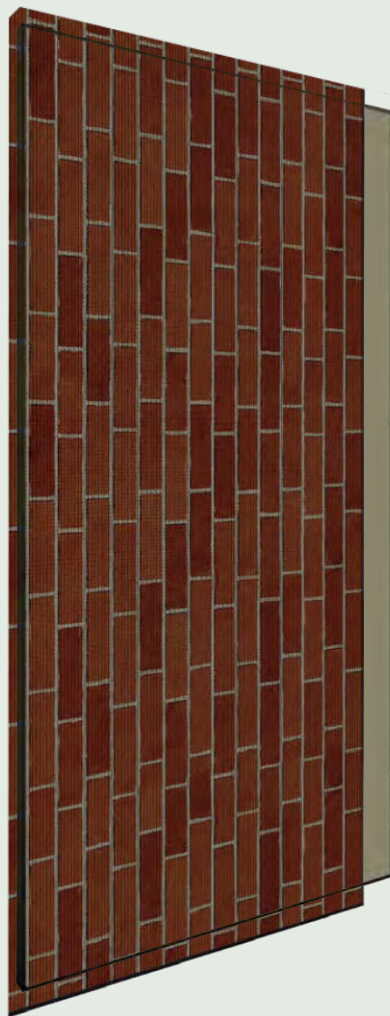
⚡ 345W — Dark grey



⚡ 350W — Dove Grey



⚡ 265W – Rubrica Brick



ELECTRICAL SPECIFICATIONS	SOLAR SIDING RUBRICA BRICK	I-V CURVES
Test Conditions	STC	<p>Irradiances</p>
Module Power (Pmax)	265W	
Maximum Power Voltage (Vpmax)	40.7V	
Maximum Power Current (Ipmax)	6.51A	
Open Circuit Voltage (Voc)	48.3V	
Short Circuit Current (Isc)	6.93A	
Module Efficiency	13.1%	
Maximum System Voltage (VDC)	1000V (IEC/UL)	
Series Fuse Rating	20A	
Power & Other Electrical Specification Tolerance	5%	
Application Classification	Class A	<p>Temperatures</p>
Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C		
MECHANICAL PROPERTIES	METRIC	
Module Weight	22 kg	
Dimensions (H x L x D)	2036 x 996 x 40mm	
Maximum Surface Load (Wind / Snow)	2400Pa rear load / 2400Pa front load	
Hail Impact Resistance	ø 25mm at 83 km/h	
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)	
Glass	3.2mm tempered glass, high transmittance, anti-reflective coating	
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm², 12 AWG (UL) MC4 from Staubli	
Backsheet	High durability, UV resistant, PV backsheet	
Frame	Anodized aluminum alloy black frame	
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)	
Junction Box	IP68 rated, TUV and UL certified	
Fire Rating	Type II	
TEMPERATURE RATINGS	WARRANTY	
Temperature Coefficient Isc	0.036% /°C	<p>Product Warranty: 25 years</p> <p>Performance Warranty:</p> <ul style="list-style-type: none">• ≥ 97% end of 1st year• ≥ 90% end of 12th year• ≥ 80% end of 25th year <p>12 years - 90% 25 years - 80%</p>
Temperature Coefficient Voc	-0.27% /°C	
Temperature Coefficient Pmax	-0.36% /°C	
Nominal Module Operating Temperature	42 ± 3°C	
Operating Temperature	-40°C ~ +85°C	
ENGINEERING DRAWING	CERTIFICATIONS	
<p>Frame Section View</p> <p>Back View</p> <p>Side View</p>	UL 61730-1/-2, CSA C22.2 #61730-1/-2, IEC 61730-1/-2	
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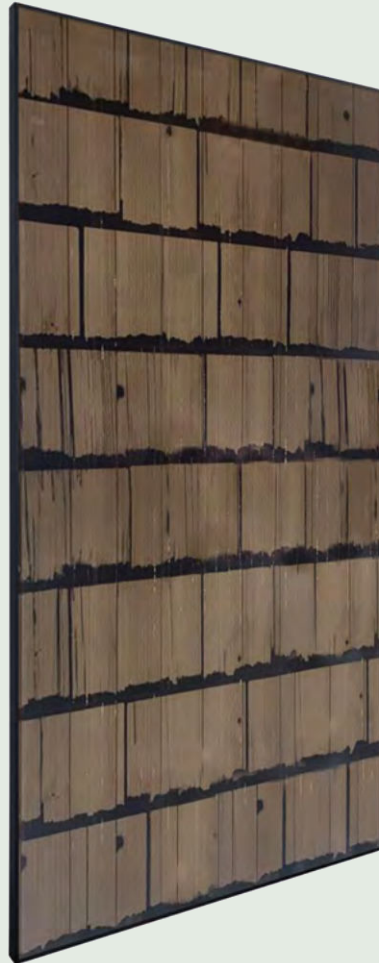


⚡ 265W – Dark Beige



ELECTRICAL SPECIFICATIONS		SOLAR SIDING DARK BEIGE	I-V CURVES
Test Conditions		STC	
Module Power (Pmax)	265W		
Maximum Power Voltage (Vpmax)	40.5V		
Maximum Power Current (Ipmax)	6.55A		
Open Circuit Voltage (Voc)	48.4V		
Short Circuit Current (Isc)	6.84A		
Module Efficiency	13.1%		
Maximum System Voltage (VDC)	1000V (IEC/UL)		
Series Fuse Rating	20A		
Power & Other Electrical Specification Tolerance	5%		
Application Classification	Class A		
Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C			
MECHANICAL PROPERTIES		METRIC	
Module Weight	22 kg		
Dimensions (H x L x D)	2036 x 996 x 40mm		
Maximum Surface Load (Wind / Snow)	2400Pa rear load / 2400Pa front load		
Hail Impact Resistance	ø 25mm at 83 km/h		
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)		
Glass	3.2mm tempered glass, high transmittance, anti-reflective coating		
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm², 12 AWG (UL) MC4 from Staubli		
Backsheet	High durability, UV resistant, PV backsheet		
Frame	Anodized aluminum alloy black frame		
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)		
Junction Box	IP68 rated, TUV and UL certified		
Fire Rating	Type II		
TEMPERATURE RATINGS		WARRANTY	
Temperature Coefficient Isc	0.036% /°C		
Temperature Coefficient Voc	-0.27% /°C		
Temperature Coefficient Pmax	-0.36% /°C		
Nominal Module Operating Temperature	42 ± 3°C		
Operating Temperature	-40°C ~ +85°C		
ENGINEERING DRAWING		CERTIFICATIONS	
<div><div><div>Frame Section View</div></div></div>			

⚡ 305W — Brown Wood



ELECTRICAL SPECIFICATIONS

Test Conditions

Module Power (Pmax)	305W
Maximum Power Voltage (Vpmax)	40.6V
Maximum Power Current (Ipmax)	7.51A
Open Circuit Voltage (Voc)	48.5V
Short Circuit Current (Isc)	7.90A
Module Efficiency	15.0%
Maximum System Voltage (VDC)	1000V (IEC/UL)
Series Fuse Rating	20A
Power & Other Electrical Specification Tolerance	5%
Application Classification	Class A

Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C

MECHANICAL PROPERTIES

Module Weight	22 kg
Dimensions (H x L x D)	2036 x 996 x 40mm
Maximum Surface Load (Wind / Snow)	2400Pa rear load / 2400Pa front load
Hail Impact Resistance	ø 25mm at 83 km/h
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)
Glass	3.2mm tempered glass, high transmittance, anti-reflective coating
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm ² , 12 AWG (UL) MC4 from Staubli
Backsheet	High durability, UV resistant, PV backsheet
Frame	Anodized aluminum alloy black frame
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)
Junction Box	IP68 rated, TUV and UL certified
Fire Rating	Type II

METRIC

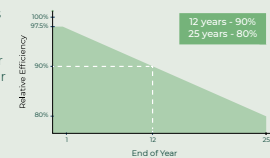
Module Weight	22 kg
Dimensions (H x L x D)	2036 x 996 x 40mm
Maximum Surface Load (Wind / Snow)	2400Pa rear load / 2400Pa front load
Hail Impact Resistance	ø 25mm at 83 km/h
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)
Glass	3.2mm tempered glass, high transmittance, anti-reflective coating
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm ² , 12 AWG (UL) MC4 from Staubli
Backsheet	High durability, UV resistant, PV backsheet
Frame	Anodized aluminum alloy black frame
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)
Junction Box	IP68 rated, TUV and UL certified
Fire Rating	Type II

TEMPERATURE RATINGS

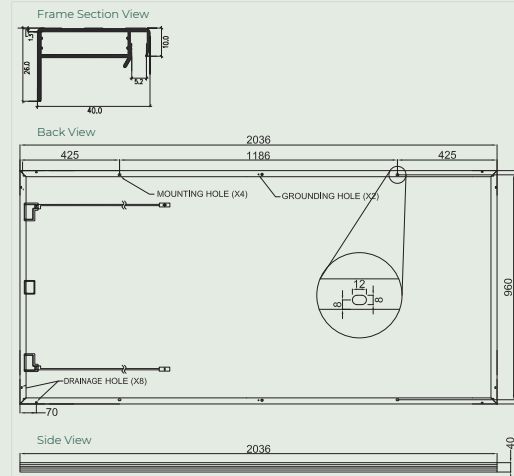
Temperature Coefficient Isc	0.036% /°C
Temperature Coefficient Voc	-0.27% /°C
Temperature Coefficient Pmax	-0.36% /°C
Nominal Module Operating Temperature	42 ± 3°C
Operating Temperature	-40°C ~ +85°C

WARRANTY

Product Warranty: 25 years
Performance Warranty:
≥ 97% end of 1st year
≥ 90% end of 12th year
≥ 80% end of 25th year



ENGINEERING DRAWING



CERTIFICATIONS

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⚡ 345W – Dark Grey

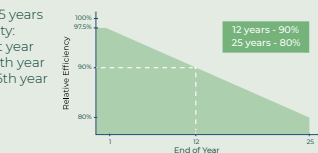
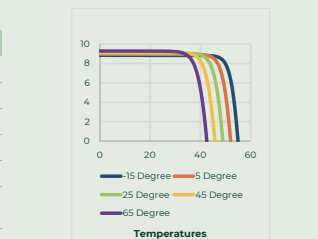
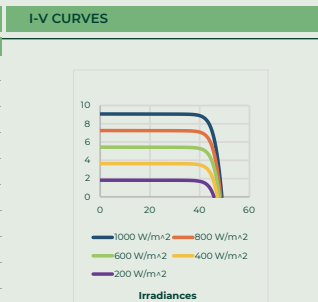
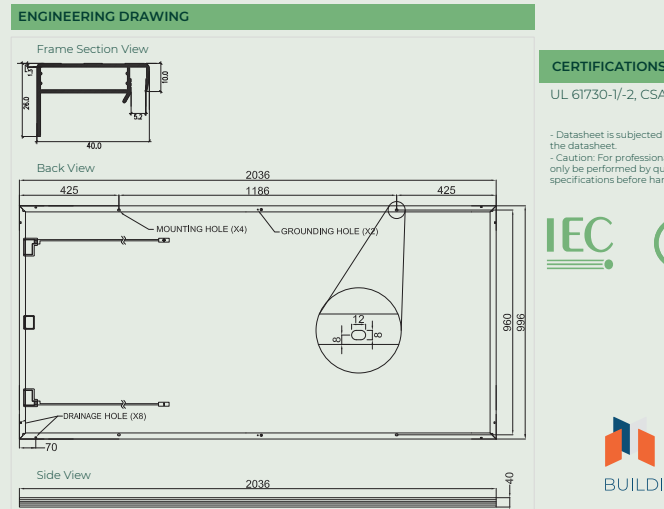


ELECTRICAL SPECIFICATIONS	SOLAR SIDING DARK GREY
Test Conditions	STC
Module Power (Pmax)	345W
Maximum Power Voltage (Vpmax)	40.6V
Maximum Power Current (Ipmax)	8.50A
Open Circuit Voltage (Voc)	48.9V
Short Circuit Current (Isc)	8.94A
Module Efficiency	17.0%
Maximum System Voltage (VDC)	1000V (IEC/UL)
Series Fuse Rating	20A
Power & Other Electrical Specification Tolerance	5%
Application Classification	Class A

Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C

MECHANICAL PROPERTIES	METRIC
Module Weight	22 kg
Dimensions (H x L x D)	2036 x 996 x 40mm
Maximum Surface Load (Wind / Snow)	2400Pa rear load / 2400Pa front load
Hail Impact Resistance	ø 25mm at 83 km/h
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)
Class	3.2mm tempered glass, high transmittance, anti-reflective coating
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm², 12 AWG (UL) MC4 from Staubli
Backsheet	High durability, UV resistant, PV backsheet
Frame	Anodized aluminum alloy black frame
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)
Junction Box	IP68 rated, TUV and UL certified
Fire Rating	Type II

TEMPERATURE RATINGS	WARRANTY
Temperature Coefficient Isc	0.036% /°C
Temperature Coefficient Voc	-0.27% /°C
Temperature Coefficient Pmax	-0.36% /°C
Nominal Module Operating Temperature	42 ± 3°C
Operating Temperature	-40°C ~ +85°C



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⚡ 350W – Dove Grey

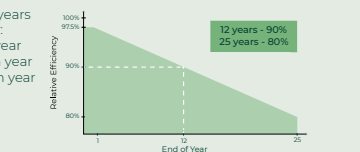
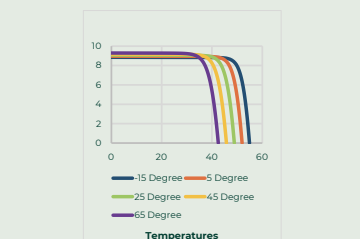
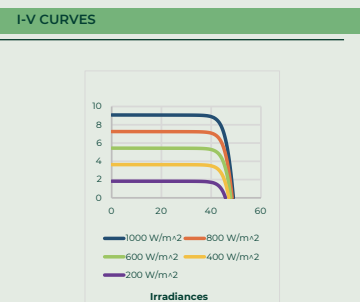
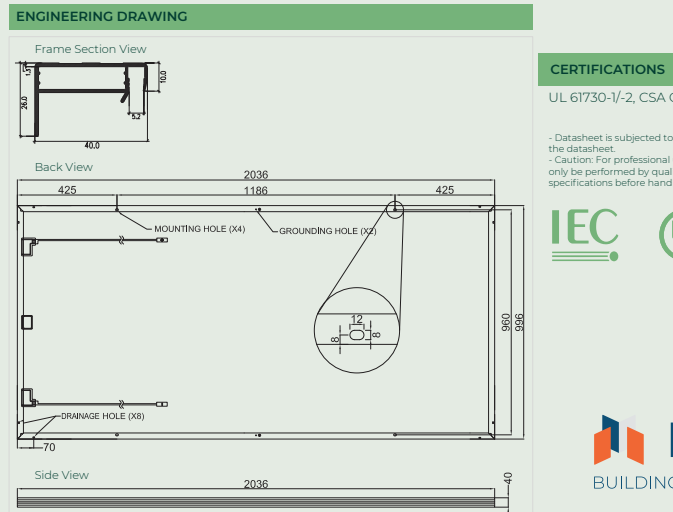


ELECTRICAL SPECIFICATIONS	SOLAR SIDING DOVE GREY
Test Conditions	STC
Module Power (Pmax)	350W
Maximum Power Voltage (Vpmax)	41.0V
Maximum Power Current (Ipmax)	8.54A
Open Circuit Voltage (Voc)	48.9V
Short Circuit Current (Isc)	9.07A
Module Efficiency	17.3%
Maximum System Voltage (VDC)	1000V (IEC/UL)
Series Fuse Rating	20A
Power & Other Electrical Specification Tolerance	5%
Application Classification	Class A

Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C

MECHANICAL PROPERTIES	METRIC
Module Weight	22 kg
Dimensions (H x L x D)	2036 x 996 x 40mm
Maximum Surface Load (Wind / Snow)	2400Pa rear load / 2400Pa front load
Hail Impact Resistance	Ø 25mm at 83 km/h
Cells	72 [12x6] Mono-crystalline (158.75 x 158.75mm)
Glass	3.2mm tempered glass, high transmittance, anti-reflective coating
Cables & Connectors (Refer to Installation Manual)	300mm, 1000mm, 1200mm - 4mm ² , 12 AWG (UL) MC4 from Staubli
Backsheet	High durability, UV resistant, PV backsheet
Frame	Anodized aluminum alloy black frame
Bypass Diodes	3 diodes- 30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)
Junction Box	IP68 rated, TUV and UL certified
Fire Rating	Type II

TEMPERATURE RATINGS	WARRANTY
Temperature Coefficient Isc	0.036% /°C
Temperature Coefficient Voc	-0.27% /°C
Temperature Coefficient Pmax	-0.36% /°C
Nominal Module Operating Temperature	42 ± 3°C
Operating Temperature	-40°C ~ +85°C



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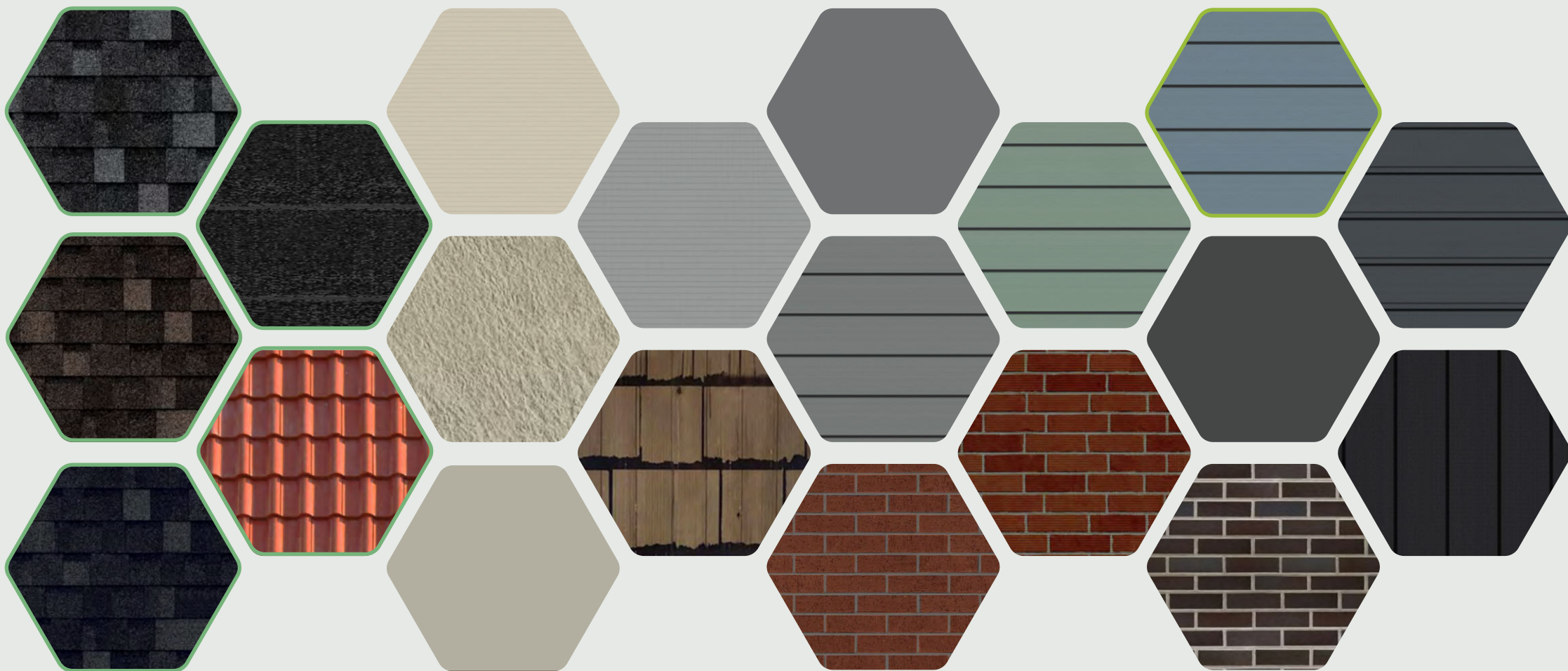
IEC UL SP C-ETL US Intertek





ROOF

FASADE





SHOWROOM

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