



LSK Green Group



LSK Green Group



HIGH / MID RISE
BUILDINGS



INSTITUTIONAL
BUILDINGS



INDUSTRIAL
BUILDINGS



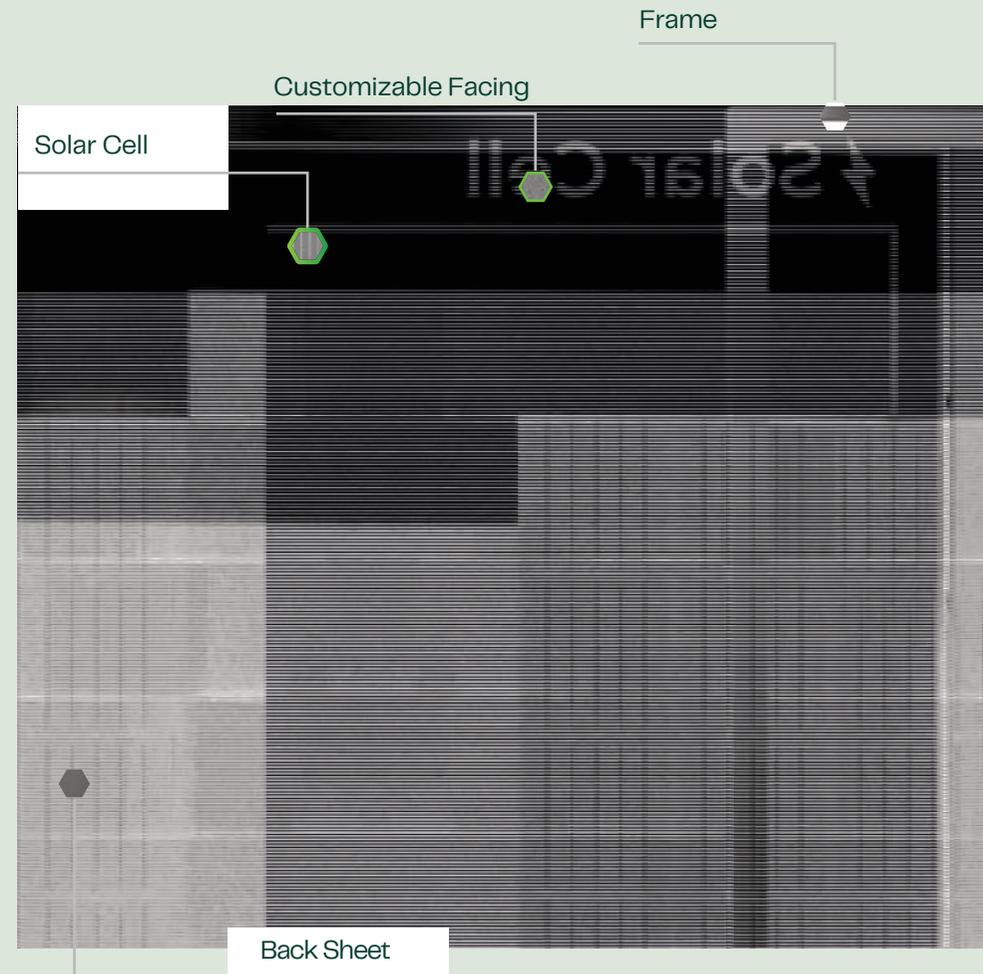
SOLAR ROOF
SYSTEMS



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

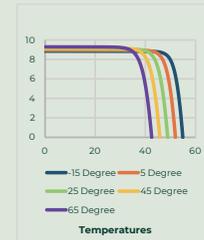
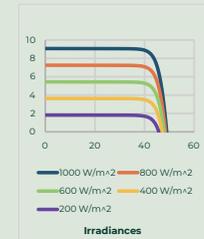
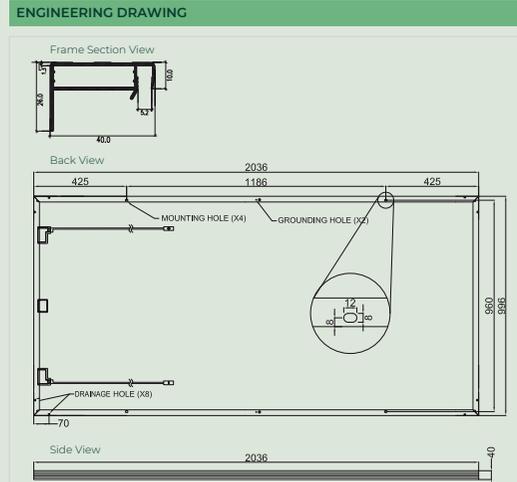
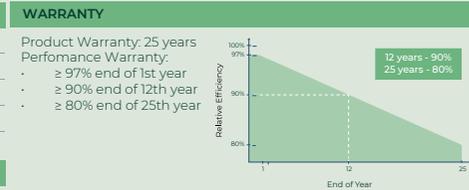


ELECTRICAL SPECIFICATIONS	SOLAR ROOF SPANISH CLAY
Test Conditions	STC
Module Power (Pmax)	310W
Maximum Power Voltage (Vpmax)	40.6V
Maximum Power Current (Ipmax)	7.64A
Open Circuit Voltage (Voc)	48.5V
Short Circuit Current (Isc)	8.03A
Module Efficiency	15.3%
Maximum System Voltage (VDC)	1000V (IEC/UL)
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	
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



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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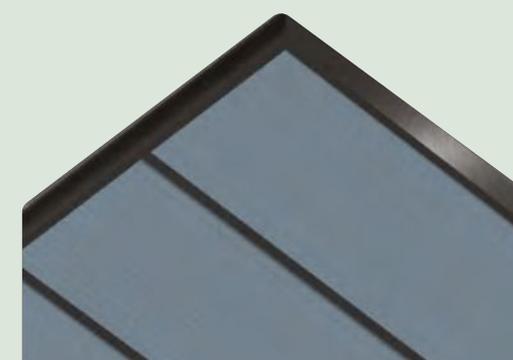
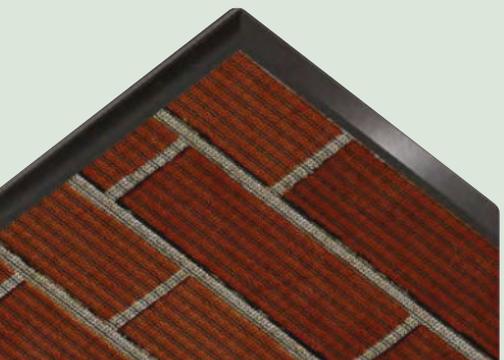


LSK Green Group



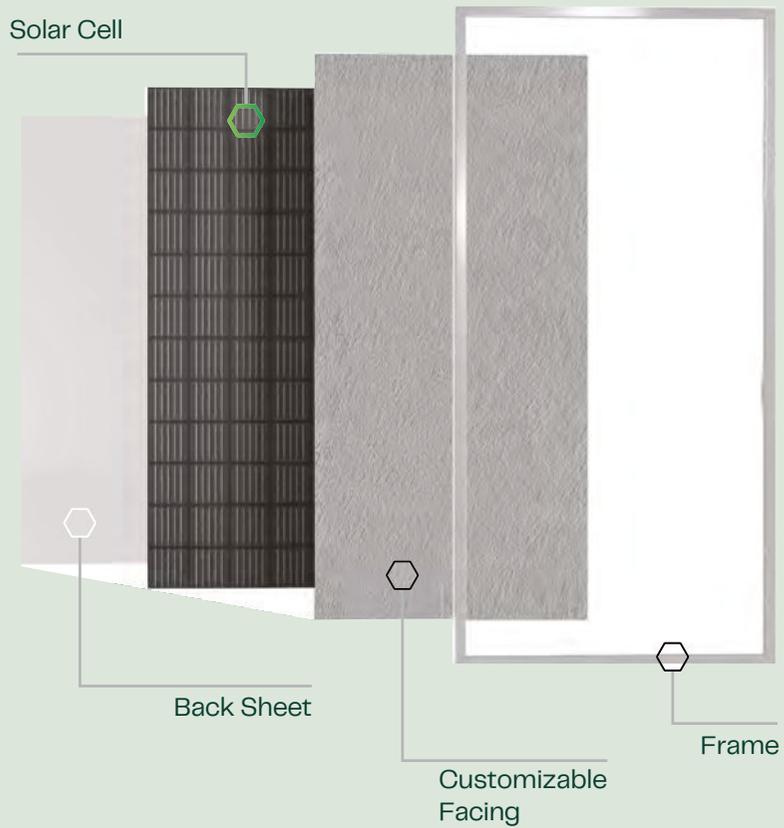
SOLAR SIDING

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

 MITREX™
BUILDING-INTEGRATED SOLAR TECHNOLOGY





⚡ 265W – Rubrica Brick



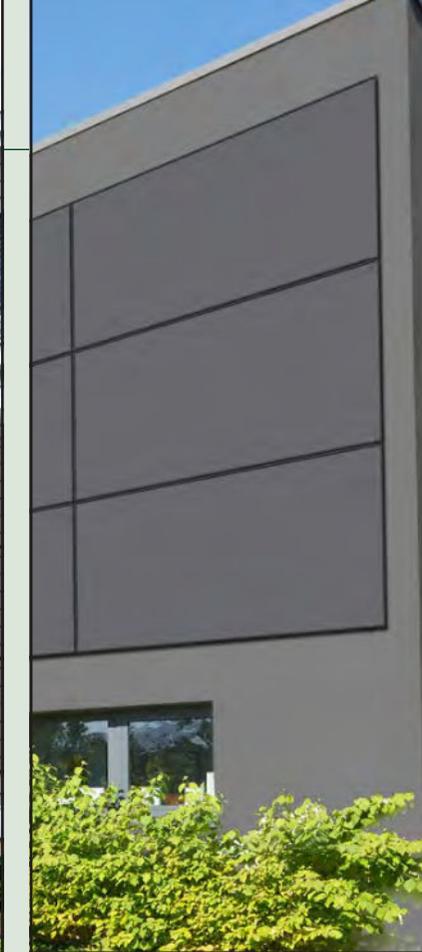
⚡ 265W – Dark Beige



⚡ 305W – Brown Wood



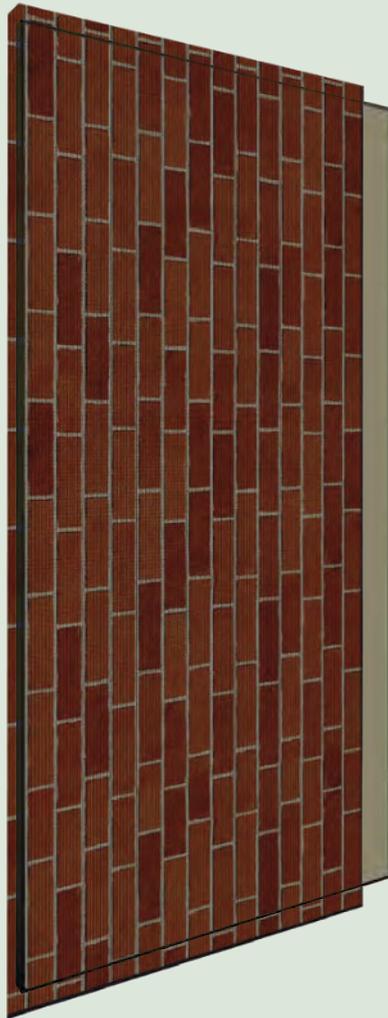
⚡ 345W – Dark grey



⚡ 350W – Dove Grey



⚡ 265W – Rubrica Brick



ELECTRICAL SPECIFICATIONS	SOLAR SIDING RUBRICA BRICK	I-V CURVES
Test Conditions	STC	
Module Power (Pmax)	265W	<p>Irradiances</p>
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	
Measurement Conditions: STC 1000 W/m² - AM 1.5 - Temperature 25°C		
MECHANICAL PROPERTIES	METRIC	
Module Weight	22 kg	<p>Temperatures</p>
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- 30SQ04ST (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 Performance Warranty:</p> <ul style="list-style-type: none"> ≥ 97% end of 1st year ≥ 90% end of 12th year ≥ 80% end of 25th year
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		
<p>Frame Section View</p> <p>Back View</p> <p>Side View</p>		
CERTIFICATIONS		
UL 61730-1/-2, CSA C22.2 #61730-1/-2, IEC 61730-1/-2		
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⚡ 265W – Dark Beige



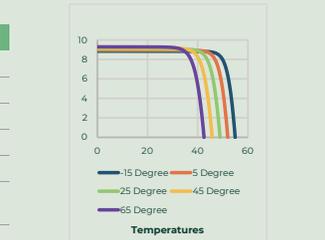
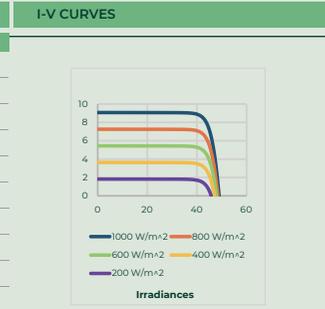
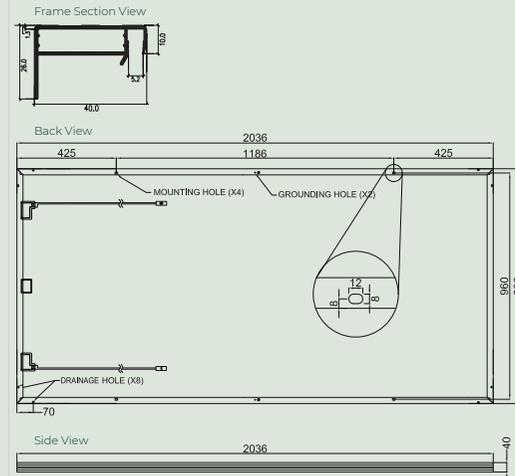
ELECTRICAL SPECIFICATIONS	SOLAR SIDING DARK BEIGE
Test Conditions	STC
Module Power (Pmax)	265W
Maximum Power Voltage (Vpmax)	40.5V
Maximum Power Current (Ipmax)	6.55A
Open Circuit Voltage (Voc)	48.4V
Short Circuit Current (Isc)	6.84A
Module Efficiency	13.1%
Maximum System Voltage (VDC)	1000V (IEC/UL)
Series Fuse Rating	20A
Power & Other Electrical Specification Tolerance	5%
Application Classification	Class A

Measurement Conditions: STC 1000 W/m² - AM1.5 - 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	
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

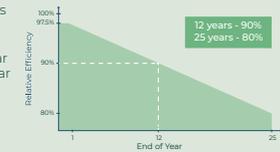
ENGINEERING DRAWING



WARRANTY

Product Warranty: 25 years Performance Warranty.

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



CERTIFICATIONS

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

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⚡ 305W – Brown Wood



ELECTRICAL SPECIFICATIONS

Test Conditions	STC
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

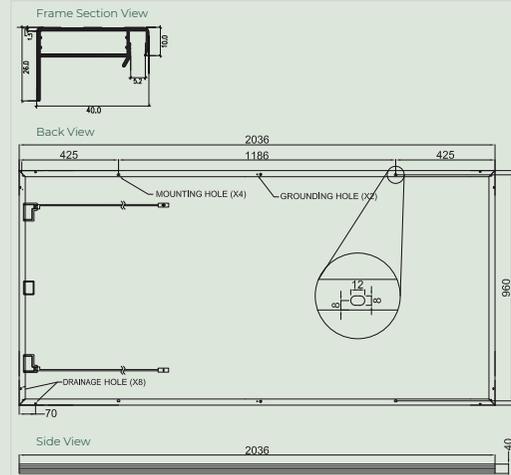
MECHANICAL PROPERTIES

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

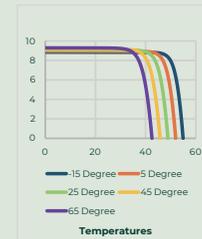
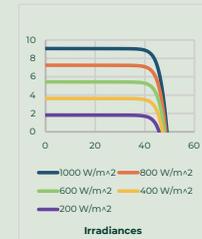
Temperature Coefficient Isc	0.036% /°C
Temperature Coefficient Voc	-0.27% /°C
Temperature Coefficient Pmax	-0.36% /°C
Nominal Module Operating Temperature	42 ± 3°C
Operating Temperature	-40°C ~ +85°C

ENGINEERING DRAWING



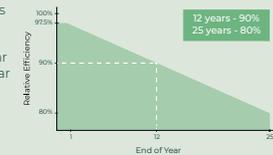
SOLAR SIDING BROWN WOOD TILE SHINGLES

I-V CURVES



WARRANTY

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



CERTIFICATIONS

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

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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

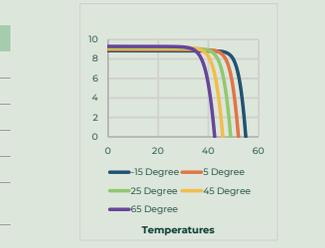
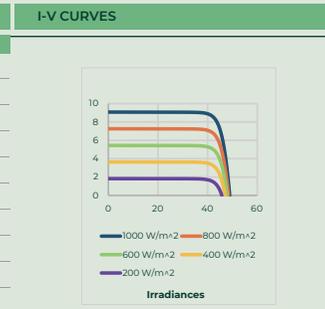
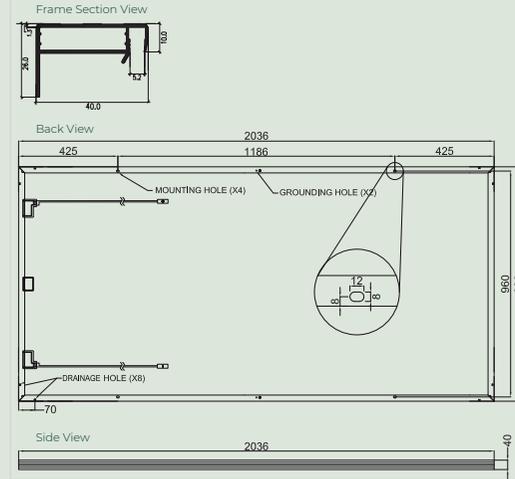
Measurement Conditions: STC 1000 W/m² - AM1.5 - Temperature 25°C

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 - 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



ENGINEERING DRAWING



CERTIFICATIONS

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⚡ 350W – Dove Grey



ELECTRICAL SPECIFICATIONS	SOLAR SIDING DOVE GREY	I-V CURVES
Test Conditions	STC	
Module Power (Pmax)	350W	<p>Irradiances</p>
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/m ² - AM 1.5 - Temperature 25°C		
MECHANICAL PROPERTIES	METRIC	<p>Temperatures</p>
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	Product Warranty: 25 years Performance Warranty: <ul style="list-style-type: none"> • ≥ 97% end of 1st year • ≥ 90% end of 12th year • ≥ 80% end of 25th year
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
Frame Section View 		UL 61730-1/-2, CSA C22.2 #61730-1/-2, IEC 61730-1/-2 - Datasheet is subjected to change without prior notice, always obtain the most recent version of the datasheet. - Caution: For professional use only, the installation, handling, and cleaning of PV modules should only be performed by qualified professionals. Read the Installation Manual for mounting specifications before handling, installing and operating modules.
Back View 		
Side View 		





SHOWROOM

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