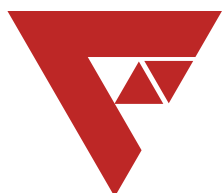


**Your Partner for
Smart Solar Solutions**

**Facade
Balcony
Skylight**



PIXASOLAR®

Pixasolar Standard Panels

Specifications

	M2	G1	M6H	M10H	G12H
Panel Size	675x1645 mm	680x1665 mm	710x1600 mm	775x1450 mm	890x1235 mm
Weight	24,5 kg	24,9 kg	25 kg	24,7 kg	24,2 kg
Maximun Power	200 Wp	210 Wp	210 Wp	215 Wp	210 Wp
Maximun Power Voltage (Vmp)	23,2 V	23,2 V	21,1 V	35,5 V	25,9 V
Maximan Power Current (Imp)	8,26 A	9,05 A	9,93 A	6,05 A	8,10 A
Open-circuit Voltage (Voc)	27,2 V	27,5 V	24,7 V	41,5 V	30,4 V
Short-circuit Current (Isc)	9,09 A	9,56 A	10,40 A	6,35 A	8,51 A
Module Efficiency	180 Wp/M ²	185 Wp/M ²	185 Wp/M ²	190 Wp/M ²	190 Wp/M ²





* STC: Irradiance 1000 W/m², Module temperature 25 °C, AM=1,5

* Weight based on 4+4mm glass composition; Glass thickness can be adjusted between 2+2mm to 10+10mm.

Temperature Coefficients

Isc	0,039% /K
Voc	-0,30% /K
Power	-0,41% /K

Features

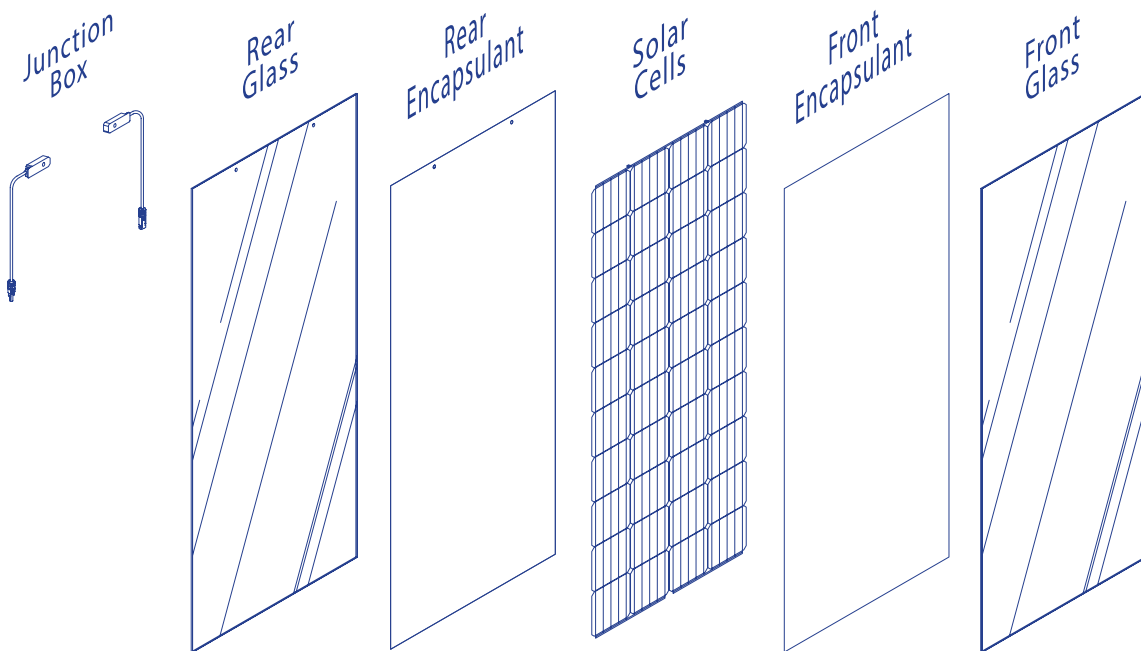
Max Power Output	Certified Technology	Easy to Handle	Reliable Warranty
			
Utilize N-/P-type cells to maximize power output	Comply with solar panel and building regulation	Ideal size: under 25 Kgs for easy carrying	No color fading, no discoloration

Certifications

DIBt Certified	Glass-Glass PV Module	
Building-integrated Photovoltaics (BIPV) Module	IEC 63092-1	
Photovoltaics (PV) Module Safety	EN IEC 61730	
Photovoltaics (PV) Module Performance	EN IEC 61215	
Laminated Safety Glass	EN 14449:2005	
Reaction to fire	EN 13501-1:2019	Class A1/ A2 & Class B (s1, d0)
Pendulum body impact resistance	EN 12600:2002, Clause 6	Class 1(B)1
Resistance against sudden temperature changes and temperature differentials	EN 12150-1:2015+A1:2019	PASS
Direct airborne sound insulation	DIN EN ISO 10140-2:2021-09	RW (C;Ctr) =36(-1;-2)dB
Normal emissivity	EN 12898:2019	0,88
U value	EN 673:2011	5,5 W/m ² K
High Temperature test	EN ISO 12543-4:2011	PASS
Humidity test	EN ISO 12543-4:2021	PASS
Radiation test	EN ISO 12543-4:2021	PASS



PV Module Structure



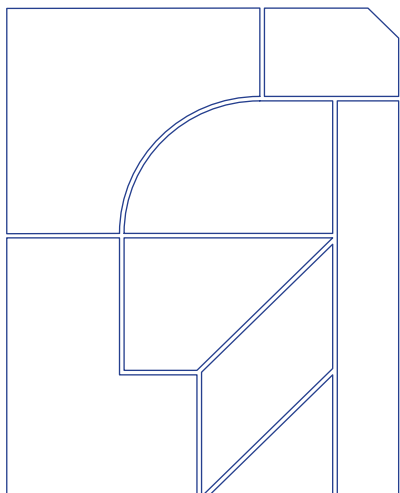
Applications and Fittings

Composition

Single Glass	Double Glass	Triple Glass	Double Glazed IGU	Triple Glazed IGU
2/3.2/4mm + Backsheet	2/2mm - 10/10mm	2/2mm - 10/10mm	Laminated Glass + Insulation + Single/Laminated Glass	Laminated Glass + 2x Insulation + Single/Laminated Glass

Tailored shapes

Special shape on request

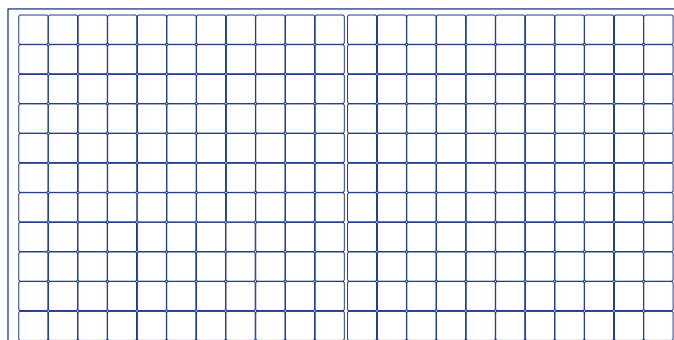


Flexible Size

Minimum size 300 x 300 mm

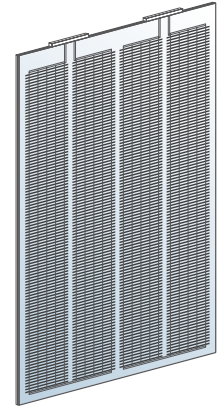
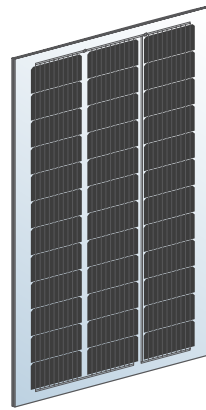
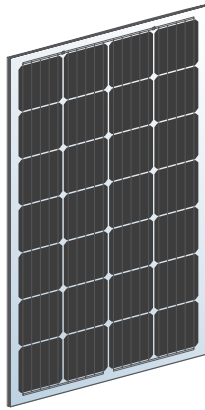


Maximum size 2000 x 4000 mm



Customize on Demand

Appearance



Opaque Black

Standard Black / Full Black

Opaque Color

Single Color / Multi-color

Translucent FCC

Light trans. 25%-90%

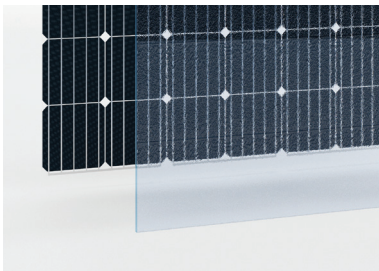
Translucent HCC

Light trans. 25%-90%

Translucent SCC

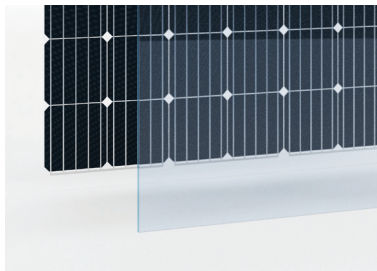
Light trans. 45%-55%

Glass Surface



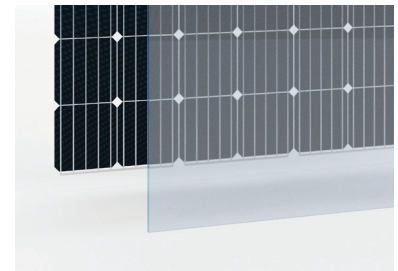
Solar Glass

2 / 3,2 / 4 mm



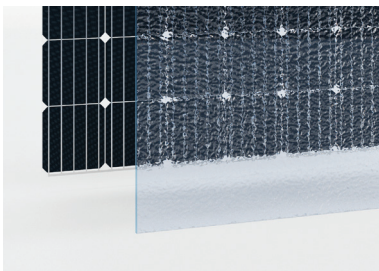
Matte Glass

4-10 mm



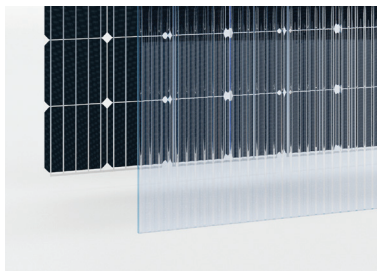
Ultra-matte Glass

4-10 mm



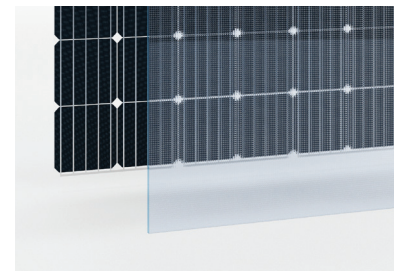
Nashiji Glass

4 / 5 mm



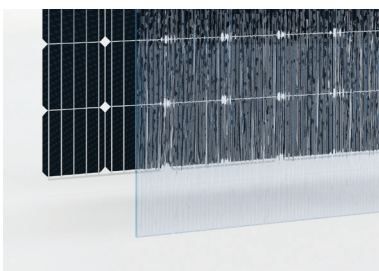
Flutelite Glass

4 / 5 mm



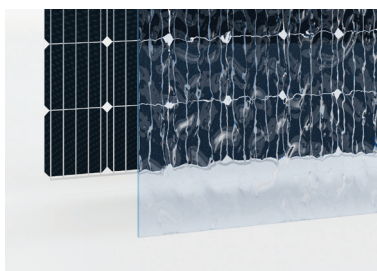
Mistlite Glass

4 / 5 mm



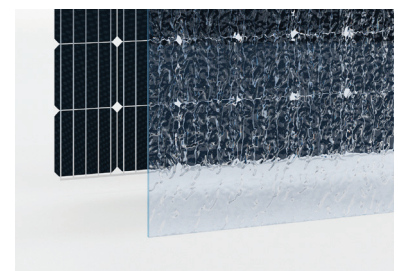
Wood Glass

4 / 5 mm



Water Glass

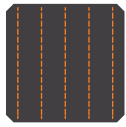
4 / 5mm



Granite Glass

4 / 5 mm

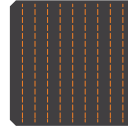
Solar Cells



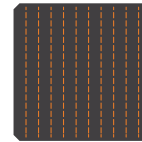
M2 Full



G1 Full



M6 Full



M10 Full



M2 Half-cut



G1 Half-cut



M6 Half-cut



M10 Half-cut



G12 Half-cut



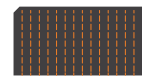
Stripe-cut



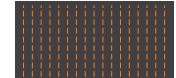
Shingle



M10 Back Contact

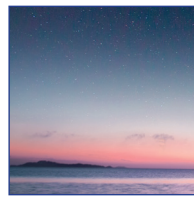


M10 Topcon

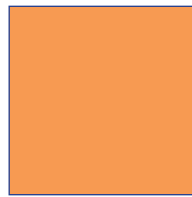


G12 Topcon

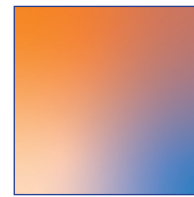
Coloring Techniques



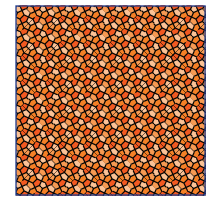
Printing Collection



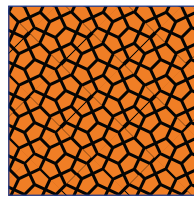
Image



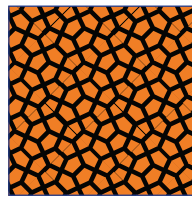
Single Color



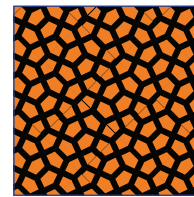
Gradient Color



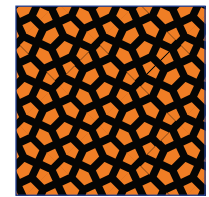
Density Selection



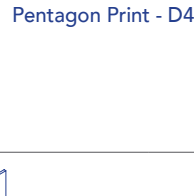
Pentagon Print - D4



Pentagon Print - D3

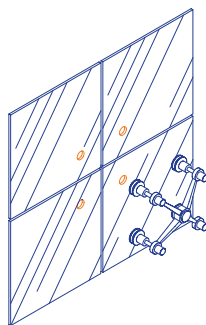


Pentagon Print - D2



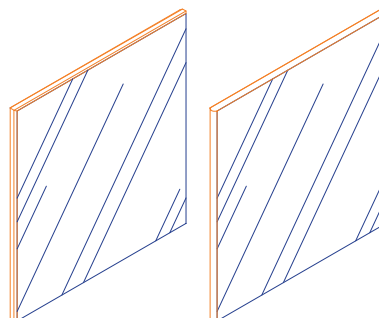
Pentagon Print - D1

Panel Treatments



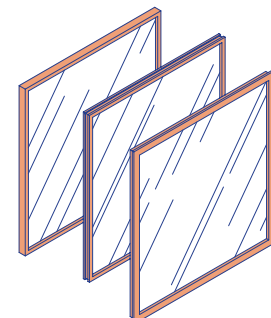
Mounting Holes

Available for Spider Clamping System



Glass Edge

Flat Polish & Ground Pencil Edge



Aluminum Frame

Customized Frame Available on Request



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