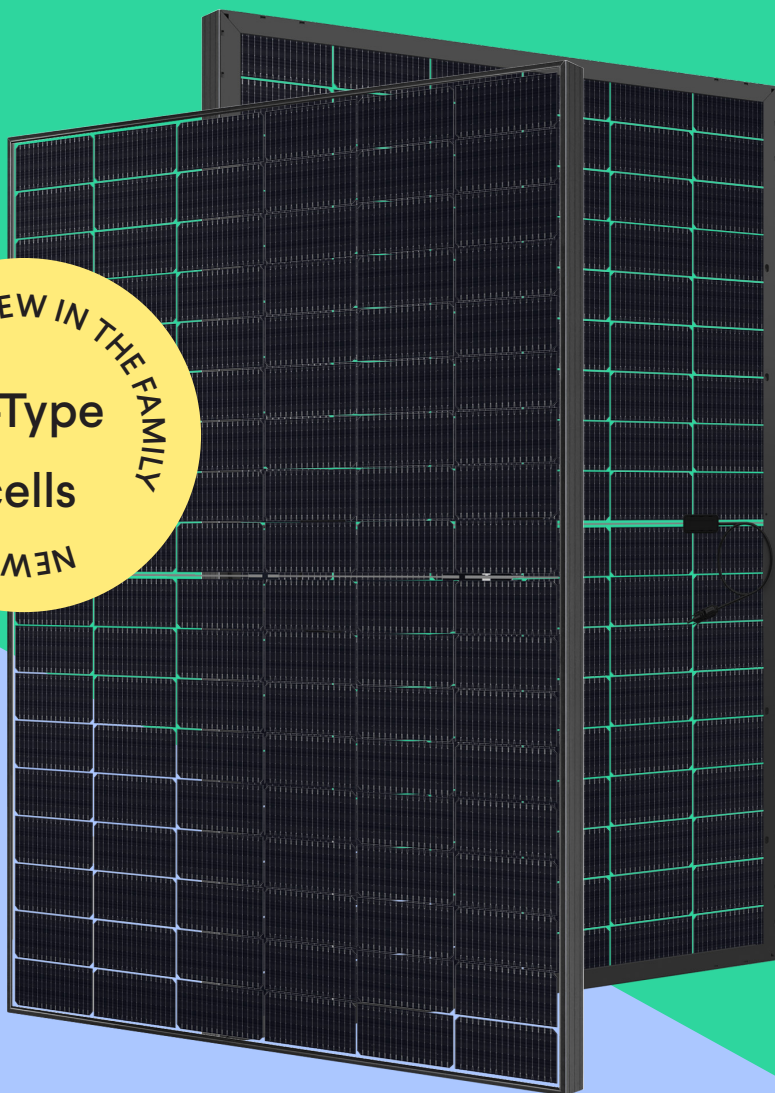


Keep it glassy

Denim Glass Glass Bifacial 430Wp



NEW IN THE FAMILY
N-Type
cells
NEW IN THE FAMILY

denim

SOLAR, IT'S THAT SIMPLE

N-TYPE GLASS GLASS BIFACIAL MODULES

High-efficiency glass glass modules, black aesthetic design, high reliability and durability, 35-year long warranty, to achieve low-carbon benefits and the best cost performance.

PRODUCT CERTIFICATIONS

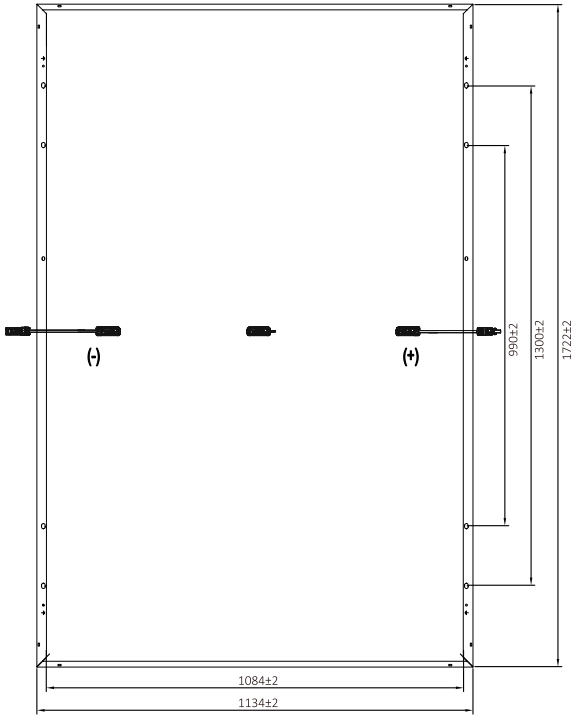


WARRANTY

35-year product warranty.
35-year linear power output warranty.
Always assured of a good yield thanks to the long product warranty of up to 35 years. After 35 years, we guarantee an output of 85.4%.

Denim Glas Glas Bifacial 430Wp

ENGINEERING DRAWING



ELECTRICAL CHARACTERISTICS

		STC ¹	NOCT ²
Maximum Power (Pmax)	(W)	430	327
MPP Voltage (Vmpp)	(V)	31.90	30.60
MPP Current (Impp)	(A)	13.50	10.69
Open Circuit Voltage (Voc)	(V)	38.30	36.80
Short Circuit Current (Isc)	(A)	14.23	11.47
Module Efficiency	(%)	22.02	
Power Tolerance	(W)	0 / +5	
Operating Temperature	(°C)	-40 to +85	
Maximum System Voltage	(V)	DC 1500	
Maximum Series Fuse Rating	(A)	25	
Product reference		Denim U N3 430 BTG 108H	

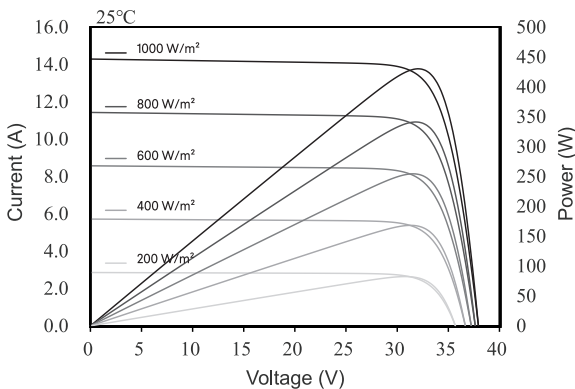
¹ STC (Standard Test Conditions): Irradiance 1000W/m², Cell temperature 25°C, Air mass 1.5

² NOCT (Nominal operating cell temperature): Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

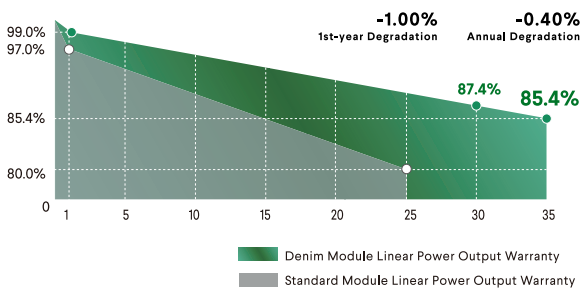
ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN

Rear Gain		5%	10%	15%	20%
Maximum Power (Pmax)	(W)	452	473	495	518
MPP Voltage (Vmpp)	(V)	31.90	31.90	31.90	32.00
MPP Current (Impp)	(A)	14.18	14.85	15.53	16.20
Open Circuit Voltage (Voc)	(V)	38.30	38.30	38.30	38.40
Short Circuit Current (Isc)	(A)	14.94	15.65	16.36	17.08

DENIM IV CURVES



SUPERIOR WARRANTY



35 Years
Product Warranty

35 Years
Linear Power Output Warranty

MECHANICAL PROPERTIES

Cell type	N-Type TOPCon 182x91 mm
Number of cells	108 cells (6 x 18)
Dimensions	1722 x 1134 x 30 mm / 1.95 m ²
Weight	24.0 kg
Frame	Anodized aluminium
Front Glass	2.0mm AR coating tempered glass
Back Glass	2.0mm Heat strengthened glass
Junction Box	IP68, 3 diodes
Cable cross section/length	4 mm ² (IEC) - 1100 mm
Connector type	Stäubli - MC4-EVO2
Fire rating	Class A according to UL790
Snow load	Up to 5400 Pa
Wind load	Up to 2400 Pa
Hail test	Hailstones: Ø 25 mm, speed: 23 m/s

TEMPERATURE RATINGS & BIFACITY

NOCT	43±2 °C
Temperature Coefficient of Pmax	-0.30 %/°C
Temperature Coefficient of Voc	-0.25 %/°C
Temperature Coefficient of Isc	0.046 %/°C
Bifacity	80±5%

NUMBER OF PACKAGES

Quantity per pallet	36 pcs
Quantity per container	26 pallets / 936 pcs
Pallet dimensions	1759*1132*1266 mm
Pallet weight	899 kg
Max stackable pallets	2 pallets