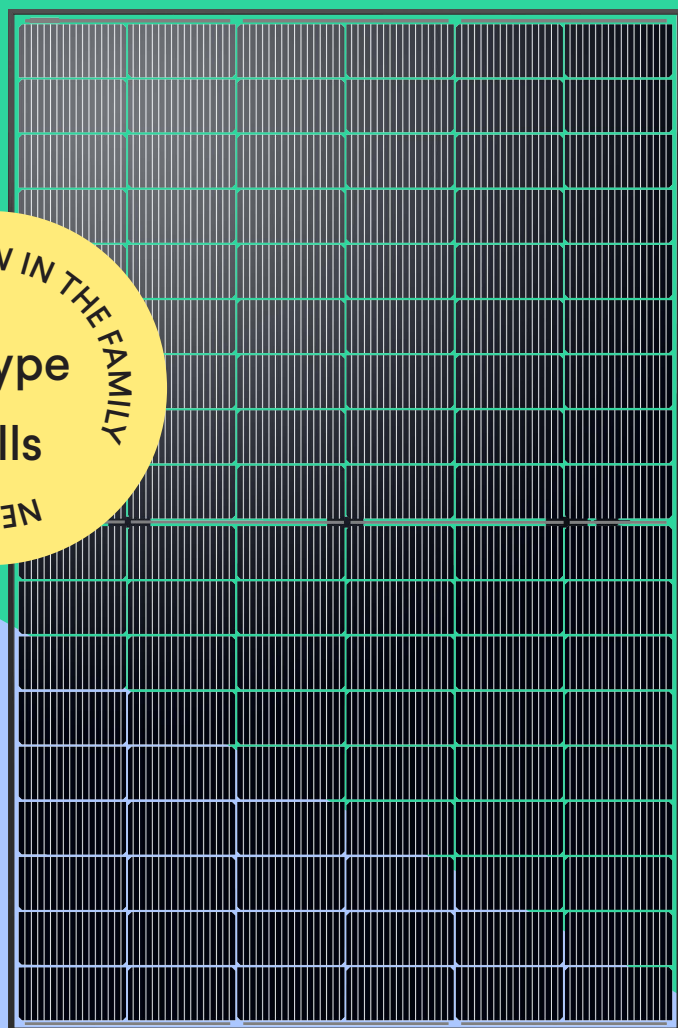
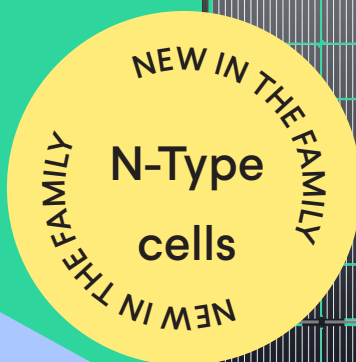


Keep it glassy



Denim glass glass bifacial 420 Wp



denim

SOLAR, IT'S THAT SIMPLE

N-Type PANELS OF GLASS

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

WARRANTY

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



denimsolar.nl

ELECTRICAL CHARACTERISTICS

420 GLASS GLASS

		STC ¹	NMOT ²	P gain 10%	P gain 20%
Maximum power (Pmax)	(W)	420	319	462	504
MPP voltage (Vmpp)	(V)	31.50	30.20	38.14	38.18
MPP current (Impp)	(A)	13.34	10.56	15.43	16.79
Open clamp voltage (Voc)	(V)	38.10	36.60	31.54	31.58
Short-circuit current (Isc)	(A)	14.07	11.34	14.65	15.96
Module efficiency	(%)	21.51			
Power tolerance	(W)	0 / +5			
Operating temperature	(°C)	- 40 to +85			
Maximum system voltage	(V)	1500			
Series fuse rated current	(A)	25			
Product reference	Denim U N3 420 BTG 108H				

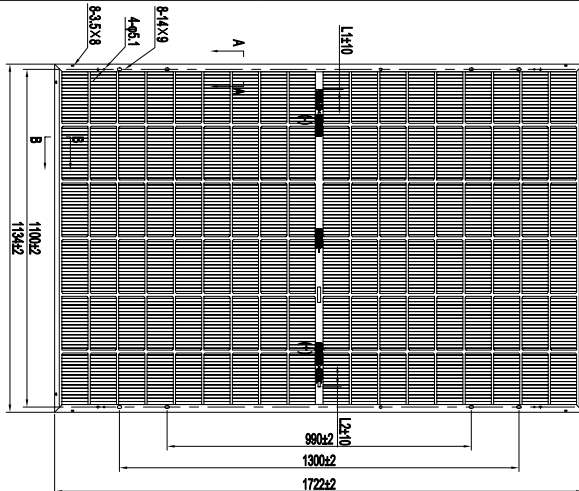
¹ STC (Standard Test Conditions): Irradiance 1000W/m², Cell temperature 25°C, Air mass 1.5

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

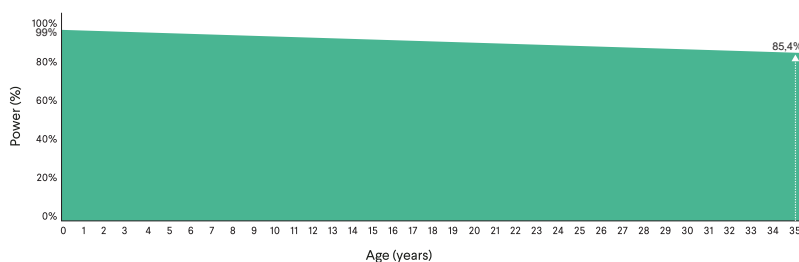
MECHANICAL PROPERTIES

Cell type	N-Type Mono 182mm x91mm
Number of cells	108 cells (6 x 18)
Dimensions	1722 x 1134 x 30 mm
Weight	24.0 kg
Frame	Anodized aluminium
Front plate	High Transmission, Low Iron, Tempered ARC Glass
Junction Box	IP68
Cable cross section / length	4 mm ² (IEC) - 1100 mm
Connector type	MC4-EVO2
Fire rating	A

DIMENSIONS



LINEAR PERFORMANCE WARRANTY



TEMPERATURE COEFF & BIFACIALITY

Pmax	-0.31%/°C
Voc	-0.25%/°C
Isc	0.046%/°C
NMOT	43±2 °C
Bifaciality	80±5 %

NUMBER OF PACKAGES

Quantity per pallet	36
Quantity per container	936

MECHANICAL LOAD

Snow load	Up to 5400 Pa
Wind load	Up to 2400 Pa
Hail test	Hailstones: Ø 25 mm, speed: 80 km/h

DENIM IV CURVES

