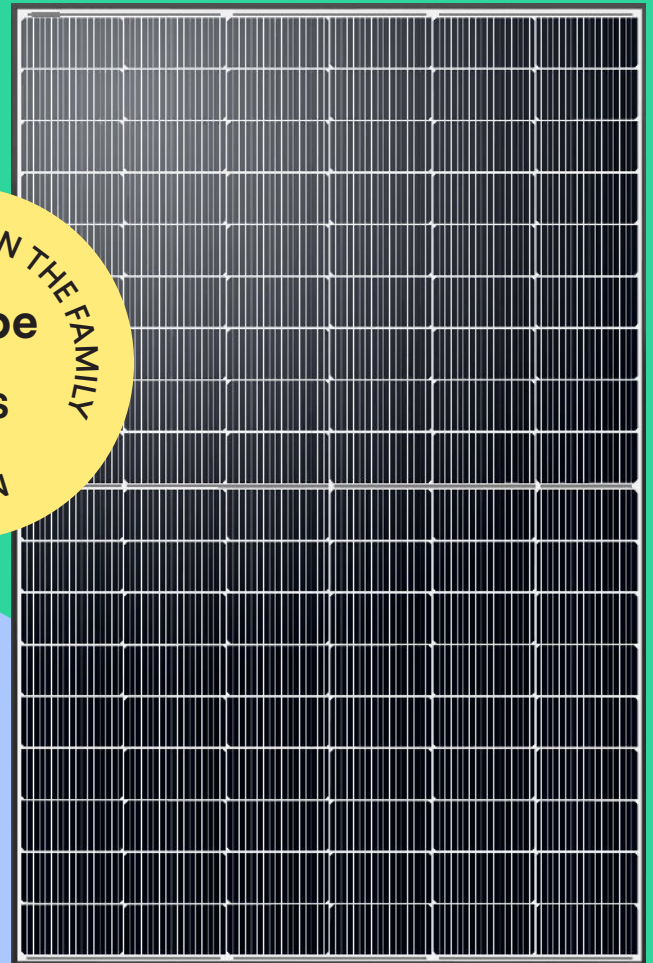
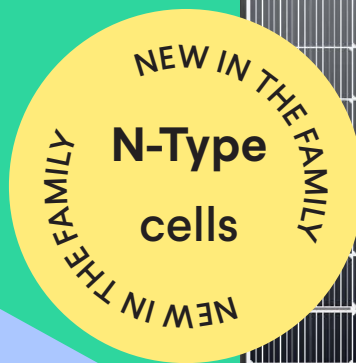


# Meet the B&W family



Denim black white 430Wp



# denim

SOLAR, IT'S THAT SIMPLE

## N-Type BLACK & WHITE PANELS

High-efficiency panels with excellent low-light performance and temperature coefficient, high module quality ensures long-term reliability, the good choice for residential and C&I projects.

## WARRANTY

Always assured of a good yield thanks to the long product warranty of up to 25 years. After 25 years, we guarantee an output of 89.4%.



[denimsolar.nl](http://denimsolar.nl)

## ELECTRICAL CHARACTERISTICS

## 430 BLACK WHITE

		SCT <sup>1</sup>	NMOT <sup>2</sup>
Maximum power (Pmax)	(W)	430	327
MPP voltage (Vmpp)	(V)	31.90	30.60
MPP current (Impp)	(A)	13.50	10.69
Open clamp 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)		1500
Series fuse rated current	(A)		25
Product reference		Denim U N3 430 BW 108H	

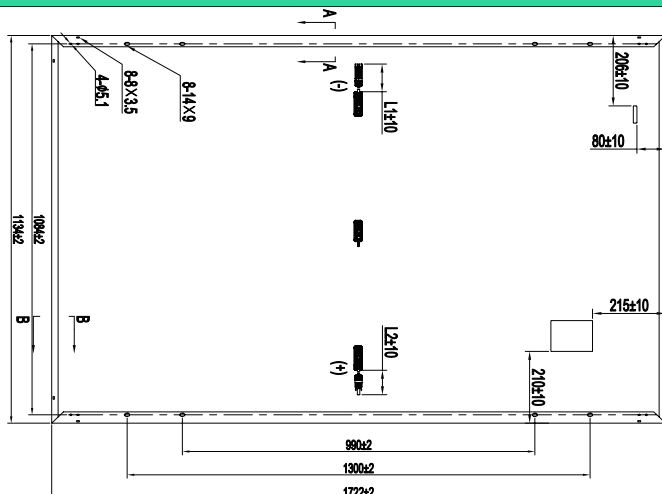
<sup>1</sup> STC (Standard Test Conditions): Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Air mass 1.5

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

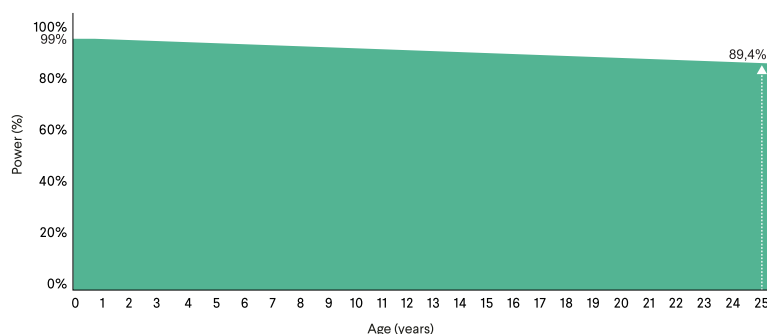
## MECHANICAL PROPERTIES

Cell type	N-Type Mono 182mm x91mm
Number of cells	108 cells (6 x 18)
Dimensions	1722 x 1134 x 30 mm
Weight	21.0 kg
Frame	Anodised aluminium
Front plate	High Transmission, Low Iron, Tempered ARC Glass
Junction Box	IP68
Cable cross section / length	4mm <sup>2</sup> (IEC) - 1100mm
Connector type	MC4-EVO2
Fire rating	C

## DIMENSIONS



## LINEAR PERFORMANCE WARRANTY



## TEMPERATURE COEFF.

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

## 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: Ø25mm, speed: 80km/h

## DENIM IV CURVES

