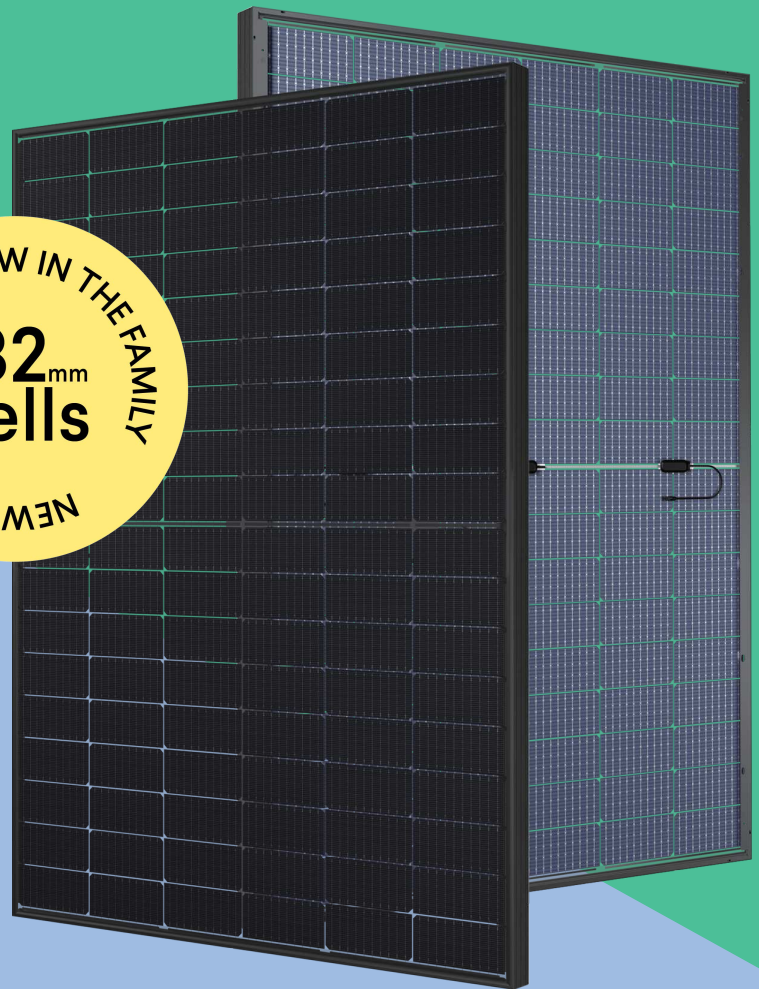
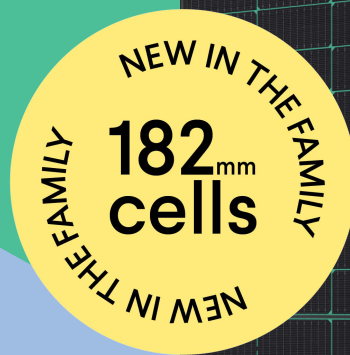


# Keep it glassy



Denim glass glass bifacial 410 Wp



# denim

SOLAR, IT'S THAT SIMPLE

## PANELS OF GLASS

Glass panels? Definitely. Two layers of glass and extremely strong. They last a very long time and are a little more expensive. But then, you get 35 years guarantee.

## 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 81.0%.

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



## ELECTRICAL CHARACTERISTICS

## 410 GLASS GLASS

		STC <sup>1</sup>	NOCT <sup>2</sup>	P gain 10%	P gain 20%
Maximum power (Pmax)	(W)	410	305	452	493
MPP voltage (Vmpp)	(V)	31,44	29,80	31,48	31,52
MPP current (Impp)	(A)	13,05	10,23	14,36	15,66
Open clamp voltage (Voc)	(V)	37,33	35,38	37,37	37,41
Short-circuit current (Isc)	(A)	13,98	11,28	15,38	16,78
Module efficiency	(%)		20.9		
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 M3B 410 BTG 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> NOCT (Nominal operating cell temperature): Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s

## MECHANICAL PROPERTIES

Cell type	Monocrystalline PERC 182x91 mm
Number of cells	108cells (6x18)
Dimensions	1730 × 1134 × 30mm
Weight	24,0 kg
Frame	Anodised aluminium
Front plate	Hardened solar glass (high transmission)
Junction Box	IP68
Cable cross section / length	4mm <sup>2</sup> (IEC) - 1100mm
Connector type	MC4-Evo2
Fire rating	A

## TEMPERATURE COEFF.

Pmax	-0.33%/°C
Voc	-0.26%/°C
Isc	0.042%/°C

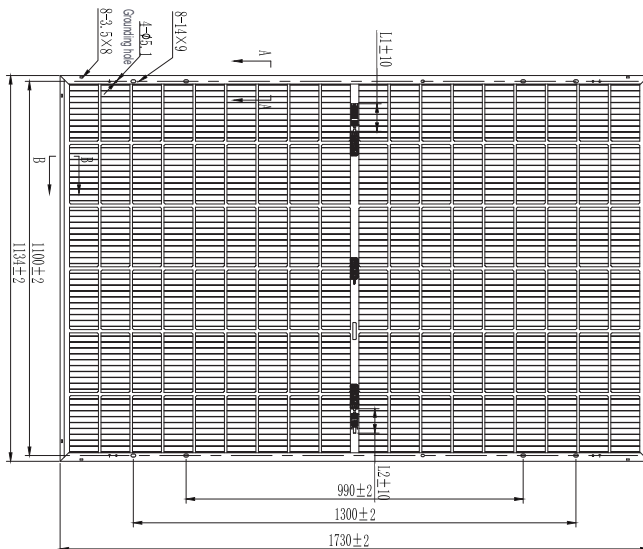
## NUMBER OF PACKAGES

Quantity per pallet	36
Quantity per container	936

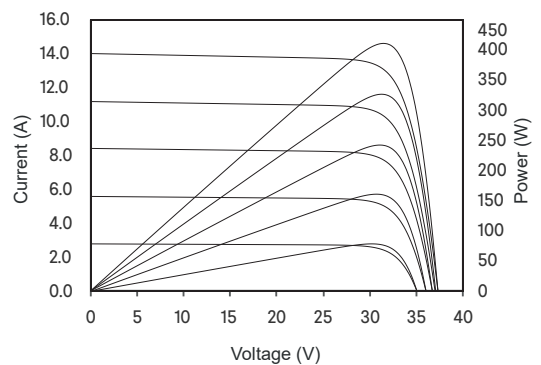
## MECHANICAL LOAD

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

## DIMENSIONS



## DENIM IV CURVES



## LINEAR PERFORMANCE WARRANTY

