

Meet the B&W family



Denim black white 380 Wp
English

denim

SOLAR, IT'S THAT SIMPLE

BLACK & WHITE PANELS

Our black & white panels have black frames and white lines. This keeps the temperature of the panels lower and generates higher power. They are the cheapest panels to buy and have the best cost: yield ratio. Just look at your purse glowing with pleasure!

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 84,8%.

* 25-year product warranty through a Denim partner. 15-year product warranty through non-Denim partners.

denimsolar.nl/en



ELECTRICAL CHARACTERISTICS

380 BLACK WHITE

		SCT ¹	NOCT ²
Maximum power (Pmax)	(W)	380	281
MPP voltage (Vmpp)	(V)	34,60	32,40
MPP current (Impp)	(A)	10,99	8,67
Open clamp voltage (Voc)	(V)	41,70	39,40
Short-circuit current (Isc)	(A)	11,98	9,67
Module efficiency	(%)	20.9	
Power tolerance	(%)		0 / +5
Operating temperature	(°C)		-40 to +85
Maximum system voltage	(V)		1500
Series fuse rated current	(A)		20
Product reference		Denim U M2 380 BW 120H	

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

MECHANICAL PROPERTIES

Cell type	Monocrystalline PERC 166x83 mm
Number of cells	120 cells (6x20)
Dimensions	1755 x 1038 x 35 mm
Weight	19,5 kg
Frame	Anodised aluminium
Front plate	Hardened solar glass (high transmission)
Junction Box	IP68
Cable cross section / length	4mm ² (IEC) - 1150mm
Connector type	MC4-Evo2
Fire rating	C

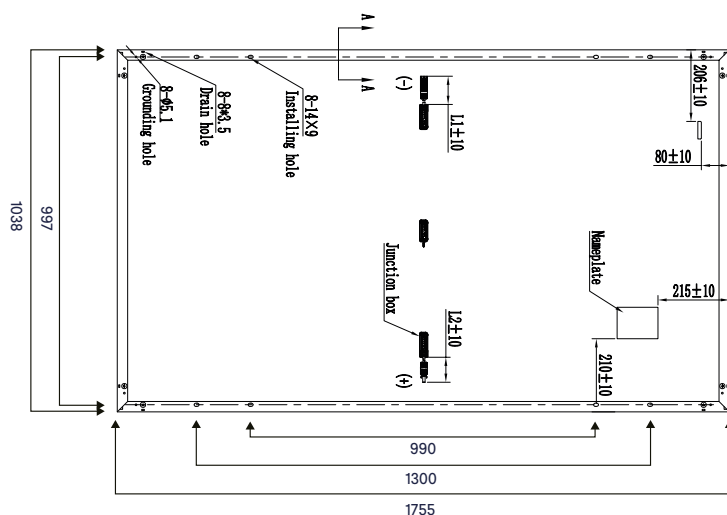
TEMPERATURE COEFF.

Pmax	-0.39%/°C
Voc	-0.29%/°C
Isc	0.049%/°C

NUMBER OF PACKAGES

Quantity per pallet	31
Quantity per container	806

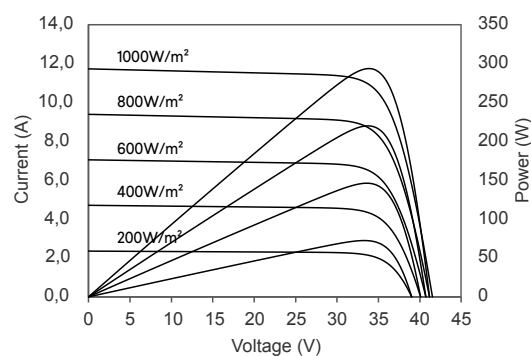
DIMENSIONS



MECHANICAL LOAD

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

DENIM IV CURVES



LINEAR PERFORMANCE WARRANTY

