

PERC

**DENIM**  
simply working hard

# DENIM<sub>mono</sub>

## DENIM U M1 330 BB 120 H

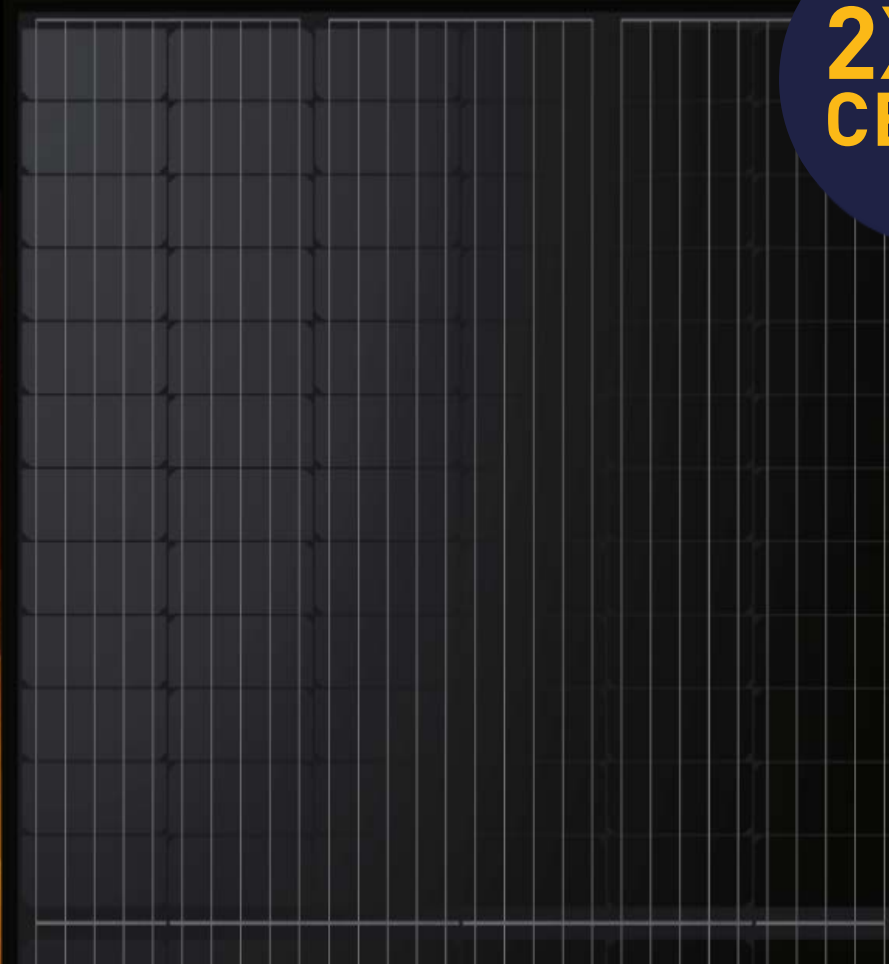
**2X60  
CELLS**

HALF CUT CELL  
TECHNOLOGY

POWER  
TOLERANCE  
0~+5%

MODULE  
EFFICIENCY  
UP TO 19.6%

ENGLISH  
COMMUNICATION  
& SERVICE



### HIGH QUALITY & HIGH OUTPUT

The DENIM Mono solar module portfolio consists of modules with a very high yield which meet the highest quality standards. The many tests that both the components and the solar panels have to undergo guarantee this quality. This ensures optimum performance throughout the lifetime of the product.

### EXCELLENT WARRANTY





For the **15 years product warranty\*** and the 25 years linear power output warranty, you can simply contact Solarclarity in the Netherlands.

**\*expandable to 25 years**

### HALF CUT CELL TECHNOLOGY

The half cut cells ensures that the current has to travel a shorter distance. The result: less resistance and more yield. The module is made up of 2 sections, giving it a better shading tolerance. Meaning that it performs optimally, even when the module is partially shaded.

### QUALITY ASSURED

-  Better Micro Crack Resistance
-  Better shadow tolerance
-  Lower Operating Temperatur
-  15 years product warranty\*  
**\*expandable to 25 years**



IEC 61215-1:2016 certified  
IEC 61215-1-1:2016 certified  
IEC 61215-2:2016 certified  
IEC 61730-1:2016 certified  
IEC 61730-2:2016 certified

IEC 61701:2011 certified  
Zout Mist Corrosie Test

ELECTRICAL PARAMETERS		M1 330 BB 120 H	
Maximum Peak Power (Pmax)		330 W	
Rated voltage (Vmpp)		34.1 V	
Rated current (Impp)		9.69 A	
Open circuit voltage (Voc)		40.4 V	
Short circuit voltage (Isc)		10.74 A	
Module efficiency		19.6%	
Peak Power tolerance		0~+5%	
Operating temperature		-40 up to +85 °C	
Maximum system voltage		DC 1000V / 1500V (IEC)	
Maximum series fuse rating		15 A	

\*Pmax, Voc, Vmpp and Impp are tested at Standard Test Conditions (STC). Defined as: 1000W/m2 irradiance, 25°C cell temperature

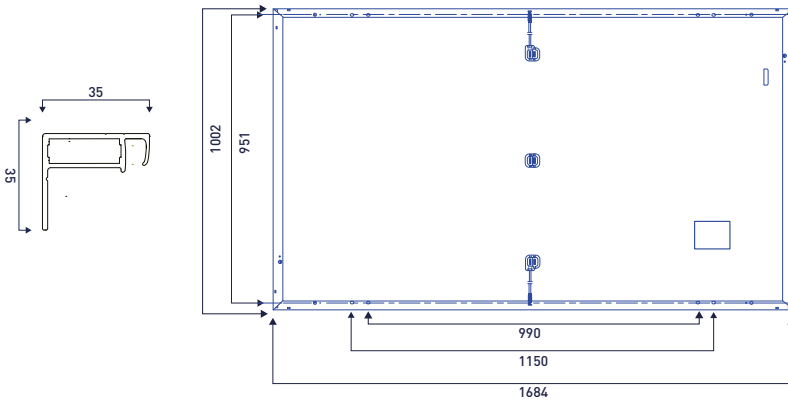
MECHANICAL DATA	
Cell type	Monocrystalline PERC
Number of cells	120
Dimensions	1684 × 1002 × 35 mm
Weight	19.0 kg
Frame	Anodized aluminium
Front	High transmission tempered glass
Junction Box	IP67
Cable / Length	4mm <sup>2</sup> (IEC)
Connector	MC4-Evo2

TEMP COEFF.	
Pmax	-0.39%/K
Voc	-0.29%/K
Isc	0.049%/K

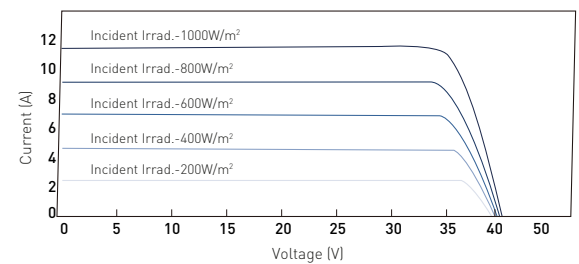
PACKAGING	
Number per pallet	30
Number per container	780

MECHANISCHE BELASTING	
Snowload	Up to 5400 Pa
Windload	Up to 2400 Pa
Hailstone Test	Hailstone: Ø25mm, speed: 80km/h

## DIMENSIONS



## DENIM IV CURVES



## MODULE POWER DEGRADATION

