

PERC

DENIM
simply working hard

DENIMmono

SC **R** | M295-310BB-60



EXTENSIVELY TESTED
PID TEST PASSED

POSITIVE POWER
TOLERANCE 0 - +4.9W

MODULE
EFFICIENCY UP TO
19.05%

ENGLISH
COMMUNICATION
& SERVICES



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 manufacturer's warranty and the 25 years linear power output warranty, you can simply contact Solarclarity in the Netherlands.

EUROPEAN BRAND

DENIM solar modules are produced in Europe. With European production facilities you are always sure of a quick availability of the DENIM solar panels. Therefore, DENIM Solar is a certain choice, without risk for you, your installer or your importer.

QUALITY ASSURED



100% EL tested



PID test passed



Fire Resistant



15 yrs factory warranty & 25 yrs linear power output warranty



www.denimsolar.nl

ELECTRICAL PARAMETERS	M295 BB-60	M300 BB-60	M305 BB-60	M310 BB-60
Maximum Peak Power (Pmax)	295 W	300 W	305 W	310 W
Rated current (Imp)	9.28 A	9.30 A	9.36 A	9.40 A
Rated voltage (Vmpp)	31.9 V	32.3 V	32.7 V	33.0 V
Short circuit current (Isc)	9.74 A	9.77 A	9.83 A	9.88 A
Open circuit voltage (Voc)	38.9 V	39.3 V	39.7 V	40.0 V
Module efficiency	18.13%	18.44%	18.74%	19.05%
Peak Power tolerance	0 / + 4.9 W			
Operating temperature	-40 up to +85 °C			
Maximum System Voltage	DC 1000V (IEC) / 600V (UL)			
Maximum series fuse rating	15 A			

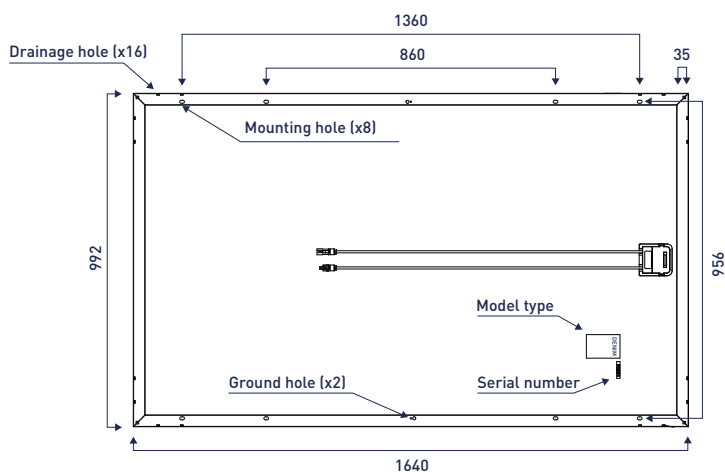
*Pmax, Voc, Vmpp and Imp are tested at Standard Test Conditions (STC). Defined as: 1000W/m2 irradiance, 25°C cell temperature, AM1, 5.9 spectrum according to EN 60904-3 Average relative efficiency reduction of 3.4 % at 200 W/m2 according to EN 60904-1

MECHANICAL DATA	
Solar cells	Monocrystalline PERC
Number of cells	60
Dimensions	1640 x 992 x 35mm
Weight	18,3 kg
Frame	Anodized black aluminium
Front	Tempered solar glass 3.2mm
Junction Box	IP67, three bypass diodes
Cable and connectors	4.0mm / MC4 compatible

TEMP COEFF.	
Pmax	-0.42%/°C
Isc	+0.05%/°C
Voc	-0.33%/°C

PACKAGING	
Number per pallet	26
Number per container	832

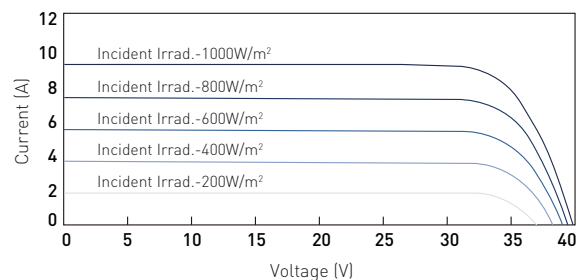
DIMENSIONS



OPERATING CONDITIONS

Snowload	Up to 5400 Pa
Windload	Up to 2400 Pa
Hailstone Test	Hailstone: Ø 25mm, speed: 23 m/s

DENIM IV CURVES



MODULE POWER DEGRADATION

