MIONRISE

Generate | Store | Utilise

PHOTOVOLTAIC MODULE

BLACK FRAME PERC AION66G1 **375Wp**

MADE IN GEORGIA

AIONRISE PV modules are manufactured only in-house at the own fully automated facilities with an integrated uncompromising multi-step quality check using the latest available technology

REDUCING LCOE

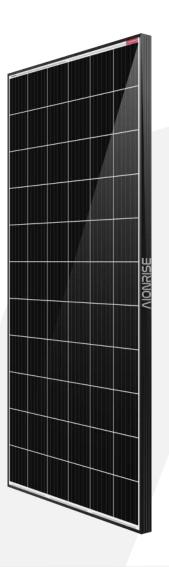
Compounded by the European bill of materials AIONRISE products deliver long-term higher output comparing to other analogs and provide lower LCOE

COMMITMENTS

We provide linear 30 years performance guarantee and 12 years product warranty.

CERTIFIED QUALITY

AIONRISE is certified by all key quality programs of TUV Rhineland, which considerably expand tests of IEC 61215 / 61730 / 62716 / 61701 and UL 61730 with Regular Production Surveillance performed every six months. Extensive participation in the testing programs of the global independent certification authority ensures the high reliability, safety, and quality of our modules.















AND TOUGH



CELLS

MICRO-CRA FREE

PID RESISTANT

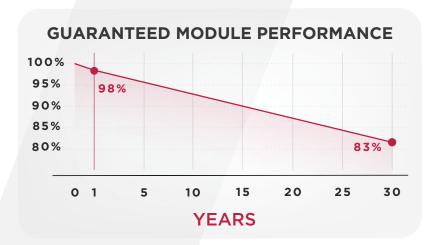
ALT CORROSIO RESISTANT

RROSION SAND RESISTANT

30 12

YEARS
PERFORMANCE GUARANTEE

PRODUCT WARRANTY



MATERIAL CHARACTERISTICS

Dimensions 1830 x 1002 x 40 mm Weight 20.5 kg Number of cells 66 pcs (6 x 11) Cells type Mono-crystalline Cells size 158.75 x 158.75 mm, G1 Glass 3.2 mm double layer, AR coated, Iron free Backsheet White, 310 µm Junction box IP 67 rated, 3 bypass diodes 4.0 mm2, 1200 mm Output cable Staubli MC4 / MC4-Evo 2 Connector

PACKAGING INFORMATION

One pallet quantity 26 pcs Pallet size 1861 x 1095 x 1125 mm Pallet weight 574 kg 52 pcs + 4 pcs Double pallet quantity Double pallet size 1861 x 1095 x 2450 mm 1238 kg Double pallet weight

LOADING INFORMATION

20 ft HC / HQ Container 336 pcs maximum 40 ft HC / HQ Container 672 pcs maximum 840 pcs maximum Truck

ELECTRICAL CHARACTERISTICS

AION66G1-375

Nominal maximum power	Pmax (Wp)	375
Maximum power voltage	Vmp (V)	37.9
Maximum power current	Imp (A)	9.89
Open-circuit voltage	Voc (V)	45.8
Short-circuit current	Isc (A)	10.35
Module efficiency	(%)	20.5

Power tolerance	Pmax (Wp)	0 / +5
Maximum system voltage DC	(V)	1000 / 1500
Maximum system fuse rating	(A)	20
Operating temperature	(°C)	-40 to +85
Temperature coefficients of Pmax	(% / °C)	-0.36
Temperature coefficients of Voc	(% / °C)	-0.29
Temperature coefficients of Isc	(% / °C)	0.048
Normal operating cell temperature (NOCT)	(°C)	45 ± 2

The electrical data apply to standard test conditions (STC): Irradiance of 1000 W/m2 with spectrum AM 1.5 and a cell temperature of 25°C

MAXIMUM LOAD*

SHORT SIDE

Installation type: 4 point bolting on the long side

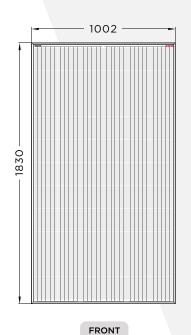
2400 Pa / 244 kg/m2 5400 Pa / 550 kg/m2 Unlift load Downforce load

nstallation type: 4 point clamping on the long side

Uplift load 3600 Pa / 367 kg/m2 Downforce load 5400 Pa / 550 kg/m2

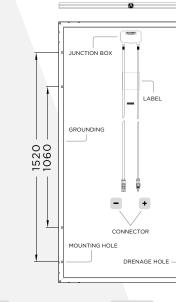
DIMENSIONS

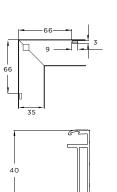
(in mm)











DRENAGE HOLE

SELECTION A

MOUNTING HOLE

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CERTIFICATES



UL 61730-2:2017 UL 61730-1:2017





Resistance Regular Production Surveillance



www.tuv.com ID 1111249124









CONTACT INFORMATION

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^{*}For more information please refer to Instruction Manual