

# AIONRISE

Generate | Store | Utilise

## PHOTOVOLTAIC MODULE

BLACK FRAME PERC

AION60G1 335 Wp

### MADE IN GEORGIA

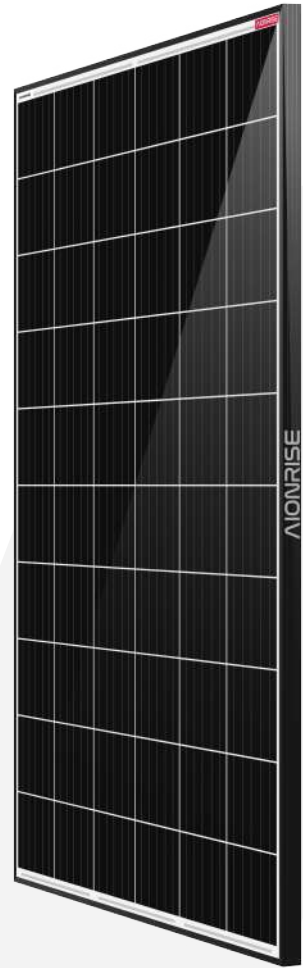
AIONRISE PV modules are manufactured only in-house at the own fully automated facilities with an integrated uncompromising multi-step quality check using the latest available technology.

### REDUCING LCOE

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

### 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.



POSITIVE POWER TOLERANCE



MICRO-CRACK FREE



PID RESISTANT



SALT CORROSION RESISTANT



SAND RESISTANT



HIGHLY STABLE AND TOUGH



AMMONIA RESISTANT

## 25 YEARS

## EXTENDED WARRANTY

TERMS AND CONDITIONS APPLY

### GUARANTEED MODULE PERFORMANCE



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## MATERIAL CHARACTERISTICS

Dimensions	1671 x 1002 x 35 mm
Weight	18.3 kg
Number of cells	60 pcs (6 x 10)
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
Output cable	4.0 mm <sup>2</sup> , 1000 mm
Connector	Staubli MC4 / MC4-Evo 2

## PACKAGING INFORMATION

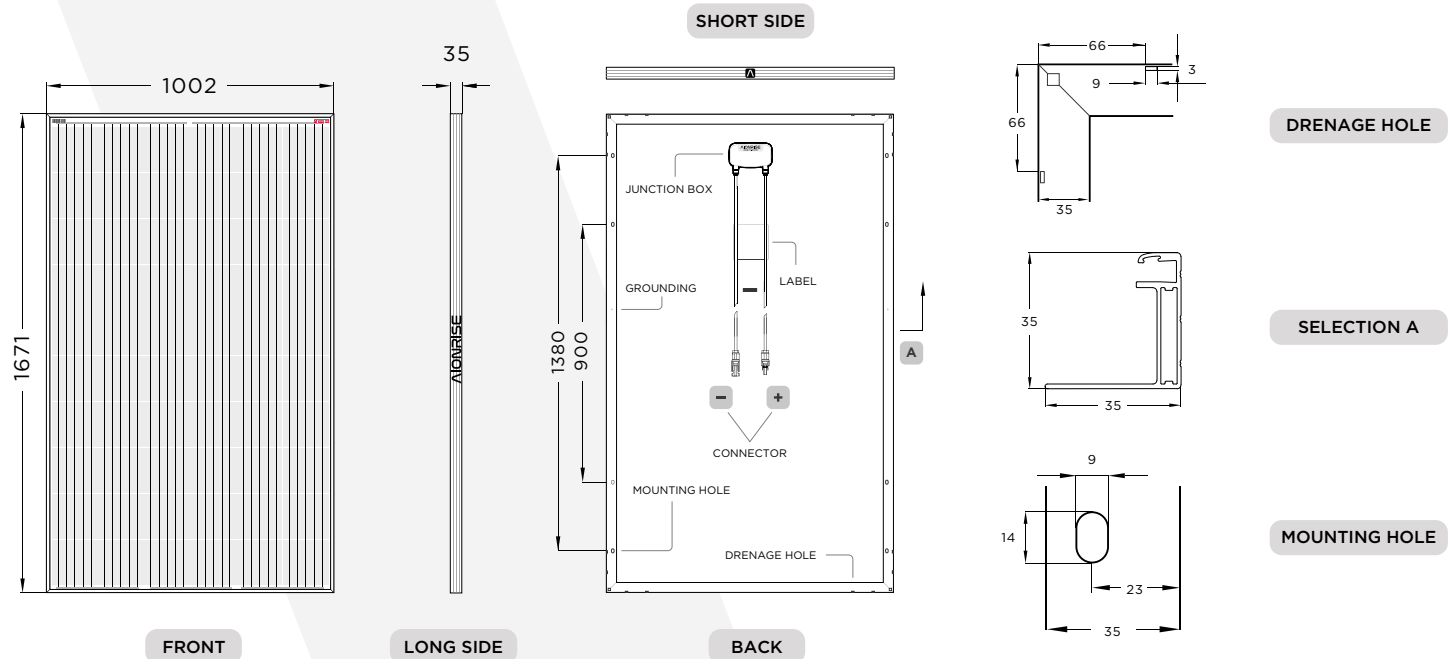
One pallet quantity	30 pcs
Pallet size	1710 x 1110 x 1140 mm
Pallet weight	587 kg
Double pallet quantity	60 pcs + 4 pcs
Double pallet size	1710 x 1110 x 2480 mm
Double pallet weight	1252 kg

## LOADING INFORMATION

20 ft HC / HQ Container	384 pcs maximum
40 ft HC / HQ Container	896 pcs maximum
Truck	952 pcs maximum

## DIMENSIONS

(in mm)



## ELECTRICAL CHARACTERISTICS

## AION60G1-335

Nominal maximum power	P <sub>max</sub> (Wp)	335
Maximum power voltage	V <sub>mp</sub> (V)	34.02
Maximum power current	I <sub>mp</sub> (A)	9.85
Open-circuit voltage	V <sub>oc</sub> (V)	41.49
Short-circuit current	I <sub>sc</sub> (A)	10.49
Module efficiency	(%)	20.20
Power tolerance	P <sub>max</sub> (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 P <sub>max</sub>	(% / °C)	-0.36
Temperature coefficients of V <sub>oc</sub>	(% / °C)	-0.29
Temperature coefficients of I <sub>sc</sub>	(% / °C)	0.048
Normal operating cell temperature (NOCT)	(°C)	45 ± 2

The electrical data apply to standard test conditions (STC):  
Irradiance of 1000 W/m<sup>2</sup> with spectrum AM 1.5 and a cell temperature of 25°C

## MAXIMUM LOAD\*

Uplift load (wind)	5400 Pa (210 mph)
Downforce load (snow)	5400 Pa

\*For more information please refer to Instruction Manual

## CERTIFICATES



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