

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

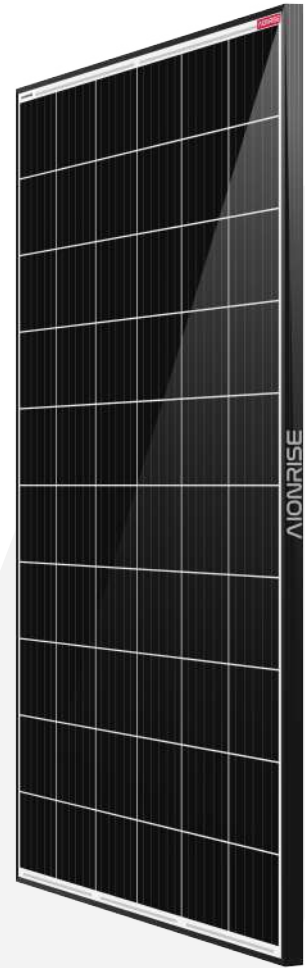
Compounded by the European bill of materials AIONRISE products deliver long-term higher output comparing to other analogs and provide lower LCOE

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.



CELLS



MICRO-CRACK
FREE



PID RESISTANT



SALT CORROSION
RESISTANT



SAND RESISTANT



HIGHLY STABLE
AND TOUGH



AMMONIA RESISTANT

30
—
YEARS

PERFORMANCE
GUARANTEE

12
—
YEARS

PRODUCT
WARRANTY

GUARANTEED MODULE PERFORMANCE



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AIONRISE

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 ² , 1000 mm
Connector	Staubli MC4 / MC4-Evo 2

PACKAGING INFORMATION

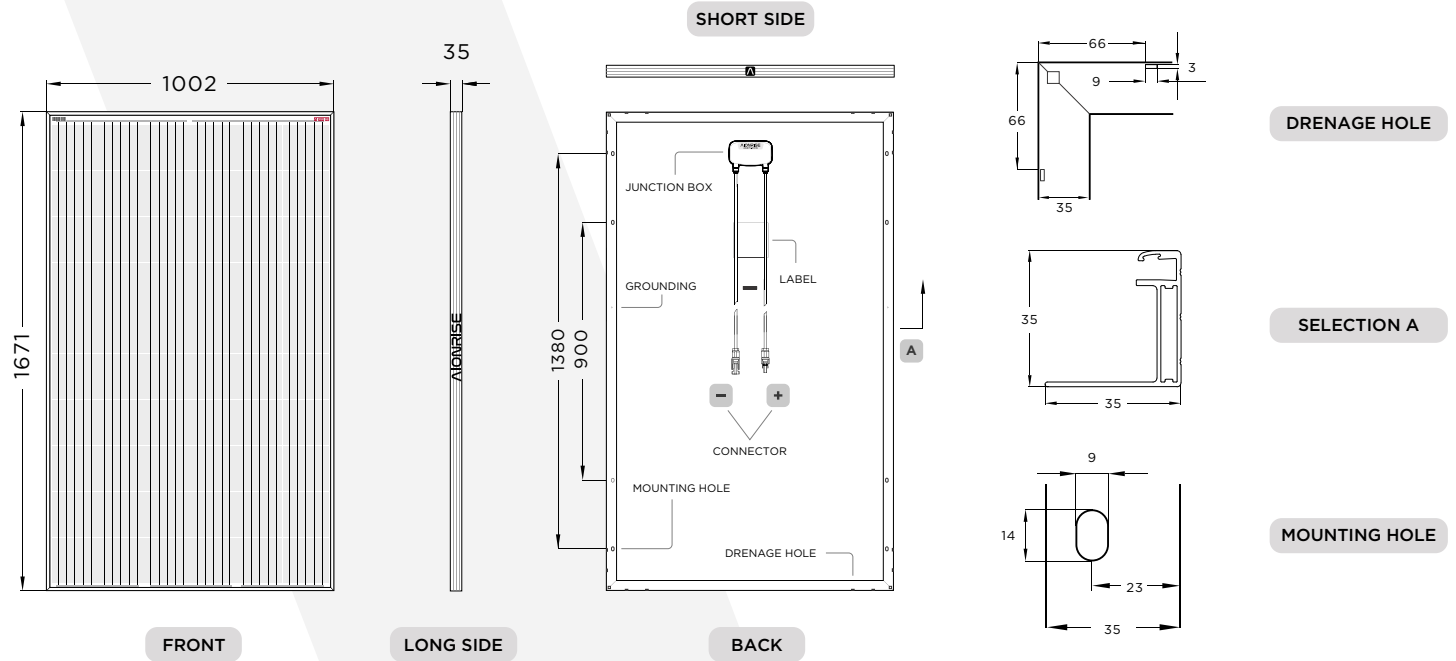
One pallet quantity	30 pcs
Pallet size	1710 x 1110 x 1140 mm
Pallet weight	587 kg
Double pallet quantity	60 pcs + 4 pcs
Double pallet size	1710 x 1110 x 2480 mm
Double pallet weight	1252 kg

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)



CERTIFICATES

<p>UL 61730-2:2017 UL 61730-1:2017</p>		<p>Ammonia Resistance Regular Production Surveillance</p> <p>www.tuv.com ID 1111249124</p>	
<p>IEC 61215 IEC 61730 Regular Production Surveillance</p> <p>www.tuv.com ID 1111245966</p>		<p>Salt Mist Resistance Regular Production Surveillance</p> <p>www.tuv.com ID 1111249125</p>	

CONTACT INFORMATION

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ELECTRICAL CHARACTERISTICS

AION60G1-335

Nominal maximum power	Pmax (Wp)	335
Maximum power voltage	Vmp (V)	34.02
Maximum power current	Imp (A)	9.85
Open-circuit voltage	Voc (V)	41.49
Short-circuit current	Isc (A)	10.49
Module efficiency	(%)	20.20
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*

Installation type: 4 point clamping on the long side

Uplift load	2400 Pa / 244 kg/m ²
Downforce load	5400 Pa / 550 kg/m ²

Installation type: 6 point clamping on the long side

Uplift load	3600 Pa / 367 kg/m ²
Downforce load	6000 Pa / 611 kg/m ²

*For more information please refer to Instruction Manual



MADE IN GEORGIA

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