

AIONRISE

Generate | Store | Utilise

PHOTOVOLTAIC MODULE

ALL BLACK PERC

AION66G1 **360Wp**

MADE IN GEORGIA

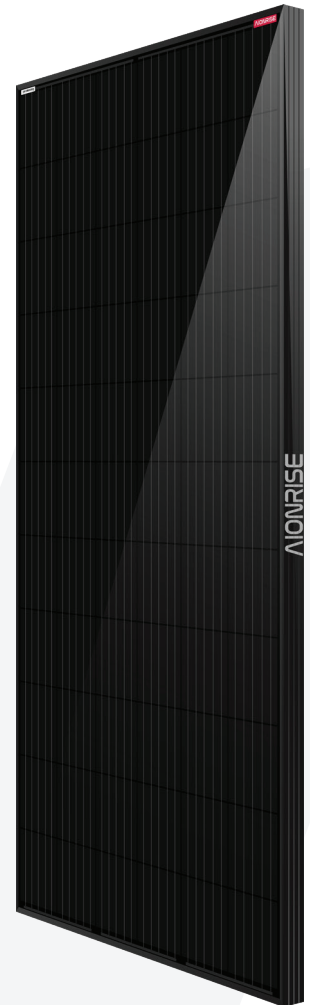
AIONRISE PV modules are manufactured only in-house at the own fully automated facilities with an integrated uncompromising multi-step quality check using the latest available technology

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 TÜV Rheinland 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



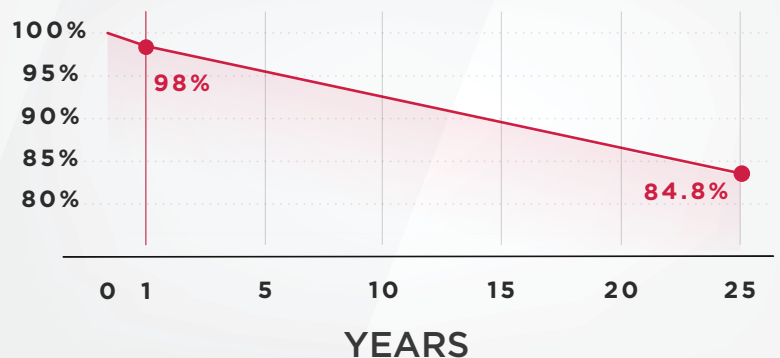
AMMONIA RESISTANT

25 YEARS

EXTENDED WARRANTY

TERMS AND CONDITIONS APPLY

GUARANTEED MODULE PERFORMANCE



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MATERIAL CHARACTERISTICS

Dimensions	72.05 x 39.5 x 1.6 in / 1830 x 1002 x 40 mm
Weight	44.75 lb / 20.3 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	Black, 390 µm
Junction box	IP 67 rated, 3 bypass diodes
Output cable	4.0 mm ² , 3.94 ft
Connector	Staubli MC4-Evo 2

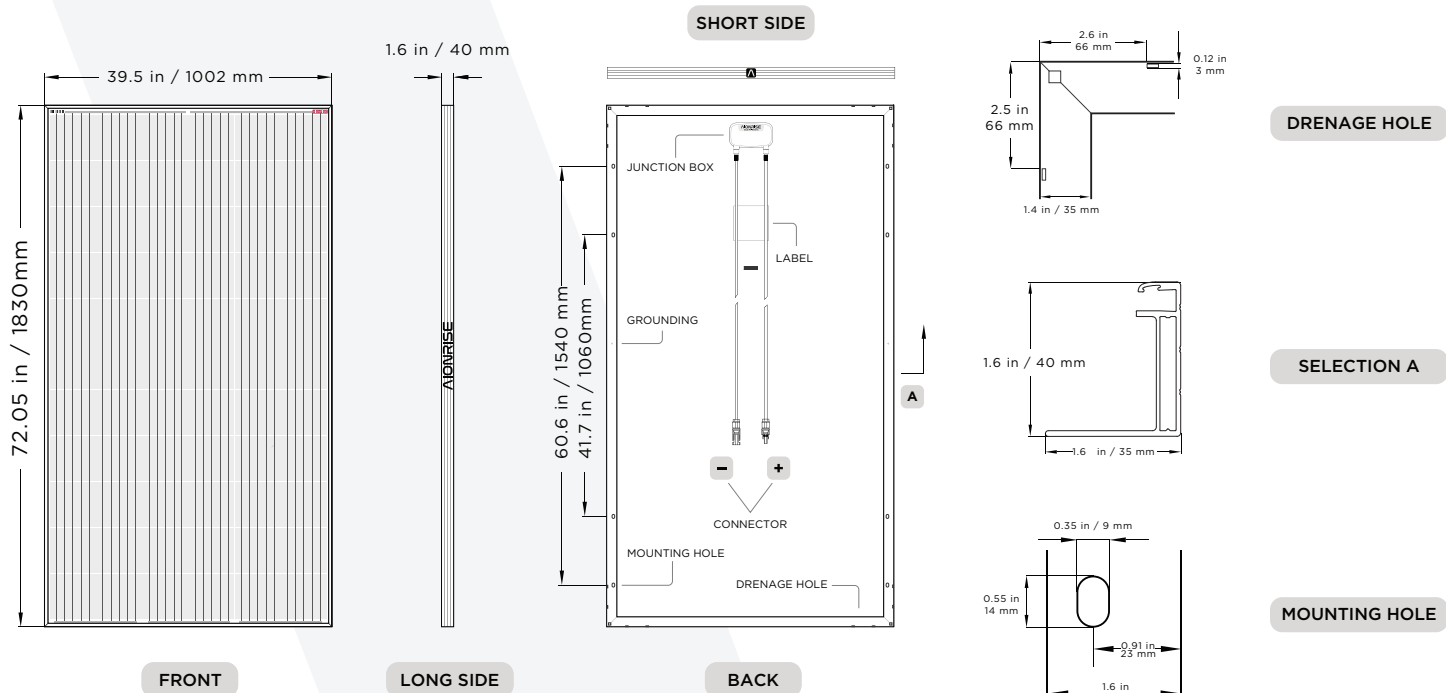
PACKAGING INFORMATION

One pallet quantity	26 pcs
Pallet size	73.3 x 43.1 x 44.3 in / 1861 x 1095 x 1125 mm
Pallet weight	1232.4 lb / 559 kg
Double pallet quantity	52 pcs + 6 pcs
Double pallet size	73.3 x 43.1 x 96.5 in / 1861 x 1095 x 2550 mm
Double pallet weight	2777.8 lb / 1260 kg

LOADING INFORMATION

20 ft HC / HQ Container	348 pcs maximum
40 ft HC / HQ Container	696 pcs maximum
Truck	840 pcs maximum

DIMENSIONS



CERTIFICATES



ELECTRICAL CHARACTERISTICS

AION66G1-360

Nominal maximum power	P _{max} (Wp)	360
Maximum power voltage	V _{mp} (V)	39.3
Maximum power current	I _{mp} (A)	9.17
Open-circuit voltage	V _{oc} (V)	49.1
Short-circuit current	I _{sc} (A)	9.91
Module efficiency	(%)	20.5
Power tolerance	P _{max} (Wp)	0 / +5
Maximum system voltage DC	(V)	1500
Maximum system fuse rating	(A)	20
Operating temperature	(°C)	-40 to +85
Temperature coefficients of P _{max}	(% / °C)	-0.36
Temperature coefficients of V _{oc}	(% / °C)	-0.29
Temperature coefficients of I _{sc}	(% / °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*

Uplift load (wind)	5400 Pa (550 kg/m ²)
Downforce load (snow)	5400 Pa (550 kg/m ²)

*For more information please refer to Instruction Manual

CONTACT INFORMATION

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