AIKO

STELLAR

Draft

G4-66Dw-2382 66 Dual-Glass
655W-680W



Technical Features:

- Partial Shading Optimisation
- Higher Power
- Better Temperature Coefficient
- Micro-crack Resistance
- High Temperature Restriction
- Lower BOS
- More Aesthetic Values
- Infinite Technology

BloombergNEF TIER 1 PV Modules

inter solar award 2023 WINNER

ESG

reddot winner

Ariel Green

CE

TÜVRheinland

15 year Product Warranty

30 year Performance Warranty

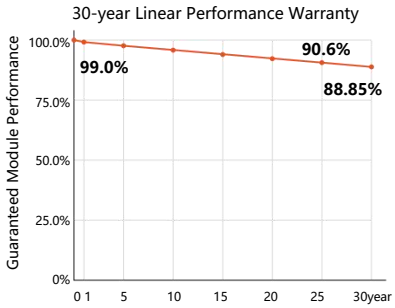
IEC61215/IEC61730
IEC61701/IEC62716

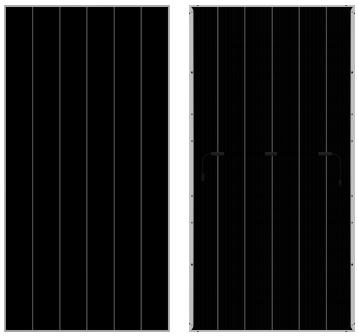
ISO9001:ISO Quality Management System
ISO14001:ISO Environmental Management System
ISO14064:Greenhouse Gas Verification Statement
ISO45001:ISO Occupational Health and Safety Management System

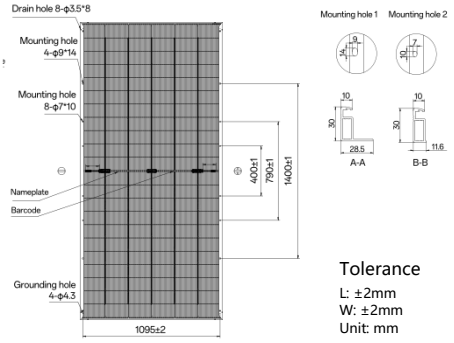
Stellar 66

AIKO-A-GRH66Dw

680W	25.2%	≤1%	≤0.35%
Output	Efficiency	First-year Degradation	Annual Degradation from Year 2-30







Tolerance
L: ±2mm
W: ±2mm
Unit: mm

Electrical Characteristics (STC: AM1.5 1000W/m² 25℃ NOCT: AM1.5 800W/m² 20℃ 1m/s)

Power Tolerance: 0~+3%

Module Type	AIKO-A655-GRH66Dw			AIKO-A660-GRH66Dw			AIKO-A665-GRH66Dw			AIKO-A670-GRH66Dw			AIKO-A675-GRH66Dw			AIKO-A680-GRH66Dw		
Test Conditions	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI
P_{max} [W]	655	499	705	660	503	710	665	507	715	670	511	720	675	514	725	680	518	730
V_{oc} [V]	49.80	47.62	49.80	49.90	47.72	49.90	50.00	47.82	50.00	50.10	47.91	50.10	50.20	48.01	50.20	50.30	48.1	50.30
V_{mp} [V]	40.80	39.08	40.85	40.90	39.18	40.92	41.00	39.27	41.02	41.11	39.37	41.13	41.21	39.46	41.23	41.32	39.56	41.34
I_{sc} [A]	16.72	13.48	17.94	16.8	13.54	18	16.88	13.6	18.06	16.96	13.66	18.12	17.04	13.71	18.18	17.12	13.77	18.24
I_{mp} [A]	16.06	12.76	17.26	16.14	12.83	17.35	16.22	12.9	17.43	16.30	12.97	17.51	16.38	13.03	17.58	16.46	13.09	17.66
Module Efficiency	24.2%			24.4%			24.6%			24.8%			25.0%			25.2%		

Product Specification

Bifacial Factor	80±5%
Cell Type	N-Type ABC
Front Cover	2.0mm coated semi tempered glass
Rear Cover	2.0mm semi tempered glass
Frame	Anodized aluminum
Cable	4mm²(IEC) 12AWG(UL) +400mm, -200mm/±1400mm or Customized Length
No. of Cells	132(6*22)
Junction Box	IP68, 3 bypass diodes
Connector	MC4 Compatible/Original MC4-EVO2A
Weight	32.5kg±3%
Dimension	2382*1134*30mm
Package Detail	36pcs per pallet / 144pcs per 20'GP / 720pcs per 40'HC

Temperature Ratings (STC)

Temperature Coefficient of I_{sc}	+ 0.05%/ ℃
Temperature Coefficient of V_{oc}	- 0.22%/ ℃
Temperature Coefficient of P_{max}	- 0.26%/ ℃
NOCT(Nominal Operating Cell Temperature)	45℃ (±2℃)

Installation Guide

Operation Temperature	-40℃ - +70℃
Maximum Series Fuse Rating	30A
Protection Class	ClassⅡ
Maximum System Voltage	DC1500V
Maximum Static Loading	Front 5400Pa Back 2400Pa
Hail Test	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class A

Installer Community

Get rewarded
for installing AIKO

*AIKO reserves right to update the specification without notice
*Optional Ariel Green coverage is available upon request
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