

STELLAR

Draft

G4-66Dw-2382

66 Dual-Glass 655W-680W

Technical Features:

 Partial Shading Optimisation

 Better Temperature Coefficient

 High Temperature Restriction

 Micro-crack Resistance

 Higher Power

 Lower BOS

 More Aesthetic Values



red dot winner 2023

Warranty partner

Munich RE 



Product
Warranty



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

680W

Output

25.2%

Efficiency

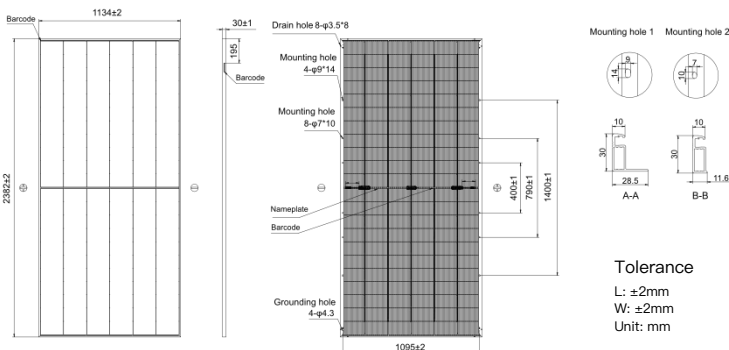
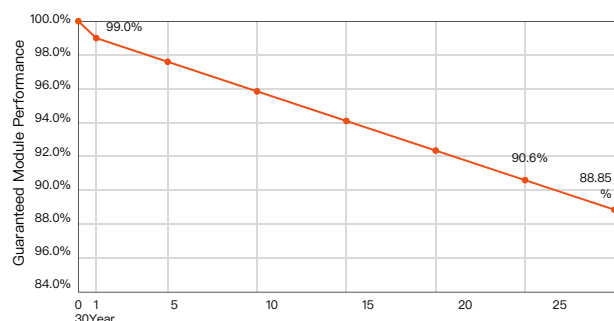
 $\leq 1\%$

First-year Degradation

 $\leq 0.35\%$

Annual Degradation from Year 2-30

30-year Linear Performance Warranty

Electrical Characteristics (STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 20°C 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	497	726	660	501	731	665	505	737	670	509	742	675	512	748	680	516	753
V _{oc} [V]	49.30	45.80	49.30	49.40	45.89	49.40	49.50	45.98	49.50	49.60	46.08	49.60	49.70	46.17	49.70	49.80	46.26	49.80
V _{mp} [V]	41.20	38.15	41.20	41.28	38.22	41.28	41.36	38.30	41.36	41.44	38.38	41.44	41.52	38.45	41.52	41.60	38.53	41.60
I _{sc} [A]	16.50	13.33	18.28	16.57	13.39	18.36	16.64	13.45	18.44	16.71	13.50	18.52	16.78	13.56	18.60	16.85	13.62	18.68
I _{mp} [A]	15.90	13.03	17.62	15.99	13.11	17.72	16.08	13.18	17.82	16.17	13.25	17.92	16.26	13.33	18.02	16.35	13.40	18.12
Module Efficiency	24.2%			24.4%			24.6%			24.8%			25.0%			25.2%		

Product Specification

Bifacial Factor	85±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	4mm ² (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%/ °C
Temperature Coefficient of V _{oc}	- 0.22%/ °C
Temperature Coefficient of P _{max}	- 0.26%/ °C

Installation Guide

Operation Temperature	-40°C - +70°C
Maximum Series Fuse Rating	30A
Protection Class	Class II
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

