

ABC Super Anti-fire

G4-72Dw-2382 72 Dual-Glass 670W-695W



Technical Features:

🔥 Temperature Control, Arc Fault Protection, Thermal Insulation, Fire Containment, Flame Retardant

- ☀️ Partial Shading Optimisation
- 📊 Better Temperature Coefficient
- 🛡️ High Temperature Restriction
- 🔗 Micro-crack Resistance
- ⚡ Higher Power
- 🔌 Lower BOS
- 🎨 More Aesthetic Values
- 🏠 Infinite Technology



reddot winner 2023

Warranty partner



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

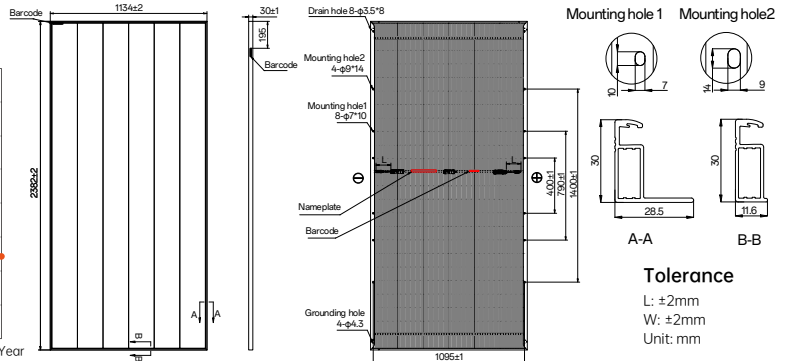
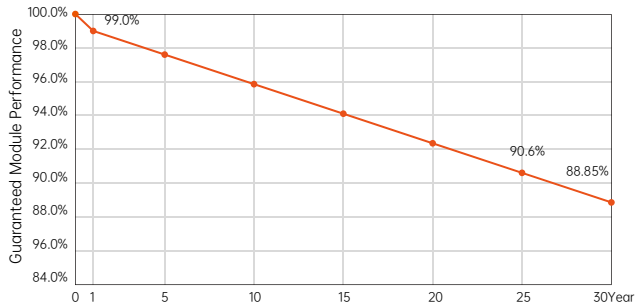
695W
Output

25.7%
Efficiency

≤1%
First-year Degradation

≤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-A670-MDE72Dw		AIKO-A675-MDE72Dw		AIKO-A680-MDE72Dw		AIKO-A685-MDE72Dw		AIKO-A690-MDE72Dw		AIKO-A695-MDE72Dw	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P _{max} [W]	670	508	675	512	680	515	685	519	690	523	695	527
V _{oc} [V]	54.17	51.39	54.27	51.49	54.37	51.58	54.47	51.68	54.57	51.77	54.72	51.91
V _{mp} [V]	45.32	43.00	45.42	43.09	45.52	43.19	45.62	43.28	45.72	43.38	45.82	43.47
I _{sc} [A]	15.53	12.55	15.59	12.60	15.65	12.65	15.71	12.69	15.77	12.74	15.83	12.79
I _{mp} [A]	14.79	11.82	14.87	11.88	14.94	11.48	15.02	12.01	15.10	12.07	15.17	12.13
Module Efficiency	24.8%		25.0%		25.2%		25.4%		25.5%		25.7%	

Product Specification

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	144(6*24)
Junction Box	IP68, 3 bypass diodes
Connector	MC4 Compatible/Original MC4-EVO2A
Weight	32.2kg±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



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