



NEOSTAR

2N+78 Dual-Glass Module
760W-795W

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



Product
Warranty
Extendable to 25 years*



Performance
Warranty



Warranty partner

Munich RE 

795W

Output

24.8%

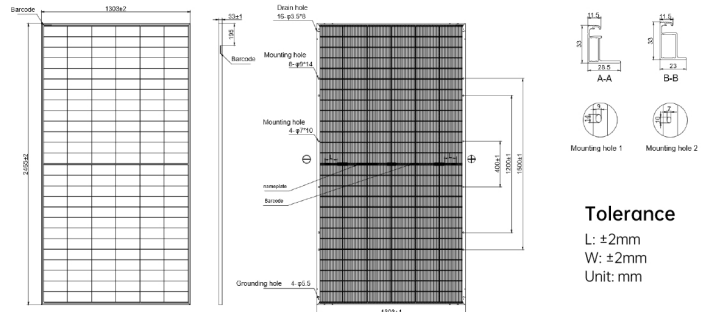
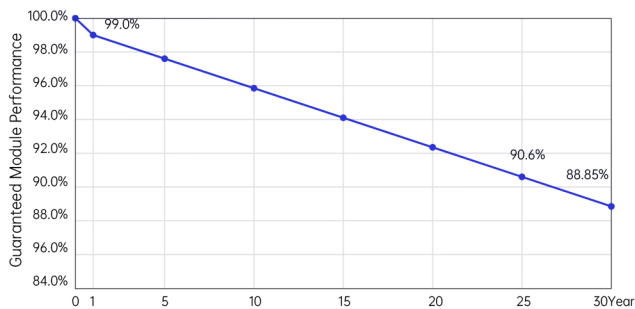
Efficiency

≤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-A760-GRH78Dw		AIKO-A765-GRH78Dw		AIKO-A770-GRH78Dw		AIKO-A775-GRH78Dw		AIKO-A780-GRH78Dw		AIKO-A785-GRH78Dw		AIKO-A790-GRH78Dw		AIKO-A795-GRH78Dw	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P _{max} [W]	760	576	765	580	770	584	775	588	780	592	785	595	790	599	795	603
V _{oc} [V]	58.52	55.49	58.62	55.58	58.72	55.68	58.82	55.77	58.92	55.87	59.02	55.96	59.12	56.05	59.22	56.15
V _{mp} [V]	48.57	46.17	48.67	46.27	48.77	46.36	48.87	46.46	48.97	46.55	49.07	46.65	49.17	46.74	49.27	46.84
I _{sc} [A]	16.50	13.28			16.64	13.4	16.71	13.46	16.78	13.53	16.85	13.59	16.92	13.66	16.99	13.72
I _{mp} [A]	15.65	12.48			15.79	12.6	15.86	12.65	15.93	12.71	16.00	12.76	16.07	12.82	16.14	12.87
Module Efficiency	23.7%				24.0%		24.1%		24.3%		24.4%		24.6%		24.8%	

Product Specification

Bifacial Factor	75±5%
Cell Type	N-Type ABC
Glass	Dual glass, 2.0 + 2.0mm coated semi tempered glass
Frame	Anodized aluminum
Cable	4mm ² (IEC) 12AWG(UL) +400mm, -200mm or Customized Length
No. of Cells	156(6*26)
Junction Box	IP68, 3 bypass diodes
Connector	MC4 Compatible
Weight	39.8kg±3%
Dimension	2465*1303*33mm
Package Detail	33pcs per pallet / 132pcs per 20'GP / 264pcs 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 - +85°C
Maximum Series Fuse Rating	30A
Protection Class	Class II
V _{oc} and I _{sc} Tolerance	±3%
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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