

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 25years*



Performance Warranty



Warranty partner

Munich RE



795W

Output

24.8%

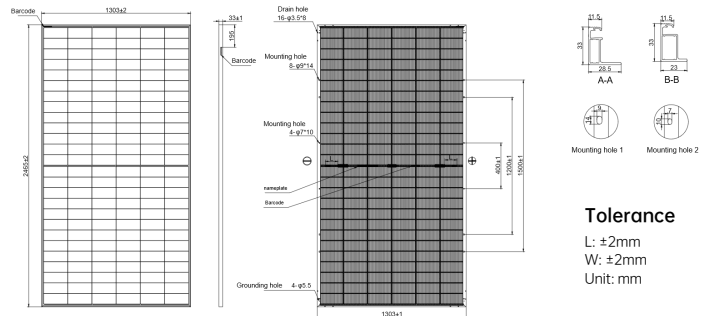
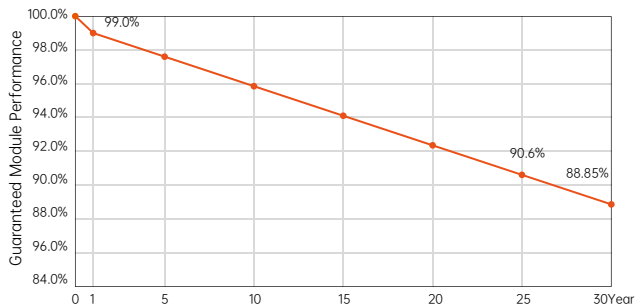
Efficiency

≤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
P _{max} [W]	760	576	765	580	770	584	775	588
V _{oc} [V]	58.52	55.49	58.62	55.58	58.72	55.68	58.82	55.77
V _{mp} [V]	48.57	46.17	48.67	46.27	48.77	46.36	48.87	46.46
I _{sc} [A]	16.50	13.28	16.57	13.34	16.64	13.4	16.71	13.46
I _{mp} [A]	15.65	12.48	15.72	12.54	15.79	12.6	15.86	12.65
Module Efficiency	23.7%	23.8%	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	4mm²(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

