








# NEOSTAR

2S60 Mono-Glass Module

515W

## 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



Performance Warranty



**515W**

Output

**23.2%**

Efficiency

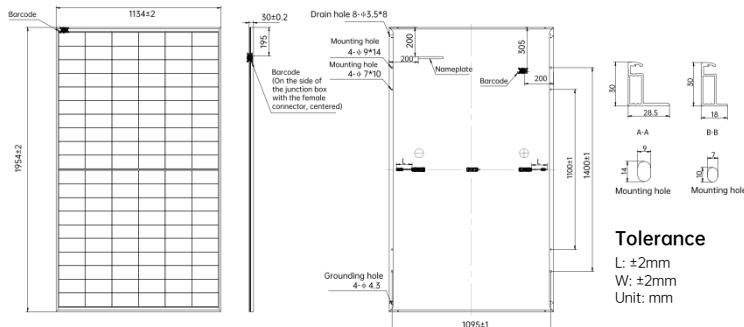
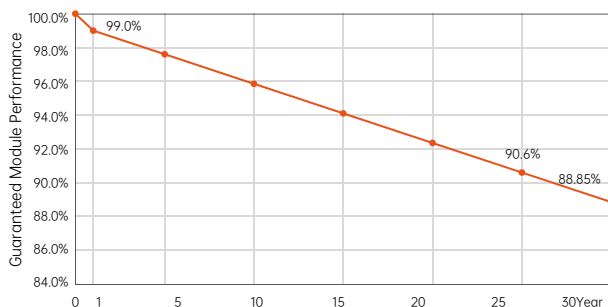
**≤1%**

First-year Degradation

**≤0.35%**

Annual Degradation from Year 2-30

**30-year Linear Performance Warranty**



**Electrical Characteristics** (STC: AM1.5 1000W/m<sup>2</sup> 25°C NOCT: AM1.5 800W/m<sup>2</sup> 20°C 1m/s) Power Tolerance: 0~ + 3%

Module Type	AIKO-A515-MAH60Mb	
Test Conditions	STC	NOCT
P <sub>max</sub> [W]	515	390
V <sub>oc</sub> [V]	45.32	42.99
V <sub>mp</sub> [V]	38.20	36.24
I <sub>sc</sub> [A]	14.23	11.49
I <sub>mp</sub> [A]	13.49	10.78
<b>Module Efficiency</b>	<b>23.2%</b>	

**Product Specification**

Cell Type	N-Type ABC
Front Cover Mono glass	3.2 mm tempered glass
Backsheet	High weather resistant backsheet
Frame	Black Anodized aluminum
Cable	4mm <sup>2</sup> (IEC) 12AWG(UL) ±1200mm
No. of Cells	120(6*20)
Junction Box	IP68, 3 bypass diodes
Connector	Original MC4-EVO2A
Weight	23.1kg±3%
Dimension	1954*1134*30mm
Package Detail	37pcs per pallet / 185pcs per 20'GP / 888pcs per 40'HC

**Temperature Ratings (STC)**

Temperature Coefficient of I <sub>sc</sub>	+ 0.05%/ °C
Temperature Coefficient of V <sub>oc</sub>	- 0.22%/ °C
Temperature Coefficient of P <sub>max</sub>	- 0.26%/ °C

**Installation Guide**

Operation Temperature	-40°C - +85°C
Maximum Series Fuse Rating	25A
Protection Class	Class II
V <sub>oc</sub> and I <sub>sc</sub> 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 C



www.aikosolar.com  
marketing@aikosolar.com

\*AIKO reserves right to update the specification without notice  
\*Optional Munich Re coverage is available upon request  
V4.1\_202510\_DsDr\_EN