SMART SOLAR

AUTHORIZED PARTNER & SALES
+92 310 2984444

STELLAR 2N+78

Dual-Glass N-Type ABC Module

770W - 805W
Max Efficiency up to 25.1%

Partial Shading Optimisation	Better Temperature Coefficient	Micro-crack Resistance	High Temp Restriction
Lower BOS Cost	Higher Power Output	30-Year Performance Warranty	15-Year Product Warranty

15 Years	≤ 1%	≤ 0.35%	30 Years
Product Warranty	First Year Degradation	Annual Degradation (Yr 2-30)	Linear Performance Warranty

ELECTRICAL CHARACTERISTICS (STC / NOCT)

Module Type	AIKO-A770-GRH78Dw		AIKO-A780-GRH78Dw		AIKO-A790-GRH78Dw		AIKO-A805-GRH78Dw	
Test Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax) [W]	770	584	780	592	790	599	805	610
Open Circuit Voltage (Voc) [V]	58.72	55.68	58.92	55.87	59.12	56.05	59.42	56.34
Maximum Power Voltage (Vmp) [V]	48.77	46.36	48.97	46.55	49.17	46.74	49.46	47.03
Short Circuit Current (Isc) [A]	16.71	13.40	16.78	13.53	16.92	13.66	17.13	13.85
Maximum Power Current (Imp) [A]	15.79	12.60	15.93	12.71	16.07	12.82	16.28	12.98
Module Efficiency [%]	24.0%		24.3%		24.6%		25.1%	

PRODUCT SPECIFICATION

Cell Type	N-Type ABC
Glass	Dual glass, 2.0 + 2.0mm semi-tempered
Frame	Anodized Aluminum
Junction Box	IP68, 3 bypass diodes
Dimensions	2465 × 1303 × 33 mm
Weight	39.8 kg ± 3%

INSTALLATION GUIDE & RATINGS

Operational Temp	-40°C to +85°C
Max System Voltage	DC 1500V
Max Series Fuse	30A
Static Loading	Front 5400Pa / Back 2400Pa
Temp Coeff of Pmax	-0.26% / °C
Bifacial Factor	80 ± 5%