



Zhejiang Aiko Solar Technology Co., Ltd

No.655, Haopai Road, Suxi Town, Yiwu, 322009, China

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Declaration Letter

Manufacturer: Zhejiang Aiko Solar Technology Co., Ltd

Address: No.655, Haopai Road, Suxi Town, Yiwu, 322009, China

Brand: AIKO Solar

We, Zhejiang Aiko Solar Technology Co., Ltd. hereby declare the undergoing manufacturing of the following dual-glass bifacial PV modules:

AIKO-Axxx-MAH54Dw/b

AIKO-Axxx-MCE54Dw/b

AIKO-Axxx-MAH60Dw/b

AIKO-Axxx-MCE60Dw/b

With the bifacial factor of $40\pm 5\%$.

The BNPI electrical parameter is attached hereto.

Hereby statement!

Signature: 

Title: Head of Global Product & Solution Department

Name: Max Wang

Date: November 25th, 2025

Issued Place: China

Zhejiang Aiko Solar Technology Co., Ltd



AIKO Product Electrical Parameter

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage (Vsys)[V]
AIKO-Axxx-MAH54Dw (xxx=440-475, in steps of 5, 108 cells)	Under STC						
	440	40.82	13.92	34.38	12.80	25	1500
	445	40.88	14.02	34.44	12.93	25	1500
	450	40.94	14.12	34.50	13.05	25	1500
	455	41.00	14.22	34.56	13.17	25	1500
	460	41.06	14.25	34.62	13.29	25	1500
	465	41.12	14.29	34.68	13.41	25	1500
	470	41.18	14.32	34.74	13.54	25	1500
	475	41.24	14.35	34.80	13.66	25	1500
	Under BNPI						
	460	40.82	14.53	34.38	13.39	25	1500
	465	40.88	14.63	34.44	13.51	25	1500
	470	40.94	14.73	34.50	13.63	25	1500
	475	41.00	14.83	34.56	13.75	25	1500
	480	41.06	14.93	34.62	13.87	25	1500
	485	41.12	15.03	34.68	13.99	25	1500
	490	41.18	15.13	34.74	14.11	25	1500
	495	41.24	15.23	34.80	14.23	25	1500

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage (Vsys)[V]
AIKO-Axxx-MAH54Db (xxx=440-475, in steps of 5, 108 cells)	Under STC						
	440	40.82	13.92	34.38	12.80	25	1500
	445	40.88	14.02	34.44	12.93	25	1500
	450	40.94	14.12	34.50	13.05	25	1500
	455	41.00	14.22	34.56	13.17	25	1500
	460	41.06	14.25	34.62	13.29	25	1500
	465	41.12	14.29	34.68	13.41	25	1500
	470	41.18	14.32	34.74	13.54	25	1500
	475	41.24	14.35	34.80	13.66	25	1500
	Under BNPI						
	460	40.82	14.53	34.38	13.39	25	1500
	465	40.88	14.63	34.44	13.51	25	1500
	470	40.94	14.73	34.50	13.63	25	1500
	475	41.00	14.83	34.56	13.75	25	1500
	480	41.06	14.93	34.62	13.87	25	1500
	485	41.12	15.03	34.68	13.99	25	1500
	490	41.18	15.13	34.74	14.11	25	1500
	495	41.24	15.23	34.80	14.23	25	1500



AIKO Product Electrical Parameter

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage (Vsys)[V]
AIKO-Axxx-MCE54Dw (xxx=445-490, in steps of 5, 108 cells)	Under STC						
	445	40.20	14.57	33.80	13.17	30	1500
	450	40.30	14.60	33.90	13.28	30	1500
	455	40.40	14.63	34.00	13.39	30	1500
	460	40.50	14.66	34.10	13.50	30	1500
	465	40.60	14.69	34.20	13.60	30	1500
	470	40.70	14.72	34.30	13.71	30	1500
	475	40.80	14.76	34.40	13.81	30	1500
	480	40.90	14.80	34.50	13.92	30	1500
	485	41.00	14.84	34.60	14.02	30	1500
	490	41.10	14.88	34.70	14.13	30	1500
	Under BNPI						
	470	40.20	15.37	33.80	13.91	30	1500
	475	40.30	15.40	33.90	14.02	30	1500
	480	40.40	15.43	34.00	14.13	30	1500
	485	40.50	15.46	34.10	14.23	30	1500
	490	40.60	15.49	34.20	14.33	30	1500
	495	40.70	15.52	34.30	14.44	30	1500
	500	40.80	15.56	34.40	14.54	30	1500
	505	40.90	15.60	34.50	14.64	30	1500
510	41.00	15.64	34.60	14.75	30	1500	
515	41.10	15.68	34.70	14.85	30	1500	

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage (Vsys)[V]
AIKO-Axxx-MCE54Db (xxx=445-490, in steps of 5, 108 cells)	Under STC						
	445	40.20	14.57	33.80	13.17	30	1500
	450	40.30	14.60	33.90	13.28	30	1500
	455	40.40	14.63	34.00	13.39	30	1500
	460	40.50	14.66	34.10	13.50	30	1500
	465	40.60	14.69	34.20	13.60	30	1500
	470	40.70	14.72	34.30	13.71	30	1500
	475	40.80	14.76	34.40	13.81	30	1500
	480	40.90	14.80	34.50	13.92	30	1500
	485	41.00	14.84	34.60	14.02	30	1500
	490	41.10	14.88	34.70	14.13	30	1500
	Under BNPI						
	470	40.20	15.37	33.80	13.91	30	1500
	475	40.30	15.40	33.90	14.02	30	1500
	480	40.40	15.43	34.00	14.13	30	1500
	485	40.50	15.46	34.10	14.23	30	1500
	490	40.60	15.49	34.20	14.33	30	1500
	495	40.70	15.52	34.30	14.44	30	1500
	500	40.80	15.56	34.40	14.54	30	1500
	505	40.90	15.60	34.50	14.64	30	1500
510	41.00	15.64	34.60	14.75	30	1500	
515	41.10	15.68	34.70	14.85	30	1500	



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Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage
AIKO-Axxx-MAH60Dw (xxx=490-525, in steps of 5, 120 cells)	Under STC						
	490	44.82	13.93	37.70	13.00	25	1500
	495	44.92	13.99	37.80	13.10	25	1500
	500	45.02	14.05	37.90	13.20	25	1500
	505	45.12	14.11	38.00	13.30	25	1500
	510	45.22	14.17	38.10	13.39	25	1500
	515	45.32	14.23	38.20	13.49	25	1500
	520	45.42	14.29	38.30	13.58	25	1500
	525	45.52	14.35	38.40	13.68	25	1500
	Under BNPI						
	515	44.82	14.70	37.70	13.67	25	1500
	520	44.92	14.77	37.80	13.76	25	1500
	525	45.02	14.84	37.90	13.86	25	1500
	530	45.12	14.91	38.00	13.95	25	1500
	535	45.22	14.98	38.10	14.05	25	1500
	540	45.32	15.05	38.20	14.14	25	1500
	545	45.42	15.12	38.30	14.23	25	1500
550	45.52	15.19	38.40	14.33	25	1500	

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage
AIKO-Axxx-MAH60Db (xxx=490-515, in steps of 5, 120 cells)	Under STC						
	490	44.82	13.93	37.70	13.00	25	1500
	495	44.92	13.99	37.80	13.10	25	1500
	500	45.02	14.05	37.90	13.20	25	1500
	505	45.12	14.11	38.00	13.30	25	1500
	510	45.22	14.17	38.10	13.39	25	1500
	515	45.32	14.23	38.20	13.49	25	1500
	Under BNPI						
	515	44.82	14.70	37.70	13.67	25	1500
	520	44.92	14.77	37.80	13.76	25	1500
	525	45.02	14.84	37.90	13.86	25	1500
	530	45.12	14.91	38.00	13.95	25	1500
	535	45.22	14.98	38.10	14.05	25	1500
	540	45.32	15.05	38.20	14.14	25	1500



AIKO Product Electrical Parameter

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage
AIKO-Axxx-MCE60Dw (xxx=490-540, in steps of 5, 120 cells)	Under STC						
	490	44.60	14.51	37.40	13.11	30	1500
	495	44.70	14.54	37.50	13.21	30	1500
	500	44.80	14.57	37.60	13.30	30	1500
	505	44.90	14.60	37.70	13.40	30	1500
	510	45.00	14.63	37.80	13.50	30	1500
	515	45.10	14.66	37.90	13.59	30	1500
	520	45.20	14.69	38.00	13.69	30	1500
	525	45.30	14.72	38.10	13.79	30	1500
	530	45.40	14.76	38.20	13.88	30	1500
	535	45.50	14.80	38.30	13.97	30	1500
	540	45.60	14.84	38.40	14.07	30	1500
	Under BNPI						
	520	44.60	15.24	37.40	13.91	30	1500
	525	44.70	15.28	37.50	14.01	30	1500
	530	44.80	15.32	37.60	14.10	30	1500
	535	44.90	15.36	37.70	14.20	30	1500
	540	45.00	15.40	37.80	14.29	30	1500
	545	45.10	15.44	37.90	14.39	30	1500
	550	45.20	15.48	38.00	14.48	30	1500
555	45.30	15.52	38.10	14.57	30	1500	
560	45.40	15.56	38.20	14.67	30	1500	
565	45.50	15.60	38.30	14.76	30	1500	
570	45.60	15.64	38.40	14.85	30	1500	

Type Name or Model Type	Maximum Power (Pmax) [W]	Open Circuit Voltage (Voc) [V]	Short Circuit Current (Isc) [A]	Voltage at Maximum Power (Vmp) [V]	Current at Maximum Power (Imp) [A]	Fuse Rating [A]	Maximum System Voltage
AIKO-Axxx-MCE60Db (xxx=490-540, in steps of 5, 120 cells)	Under STC						
	490	44.60	14.51	37.40	13.11	30	1500
	495	44.70	14.54	37.50	13.21	30	1500
	500	44.80	14.57	37.60	13.30	30	1500
	505	44.90	14.60	37.70	13.40	30	1500
	510	45.00	14.63	37.80	13.50	30	1500
	515	45.10	14.66	37.90	13.59	30	1500
	520	45.20	14.69	38.00	13.69	30	1500
	525	45.30	14.72	38.10	13.79	30	1500
	530	45.40	14.76	38.20	13.88	30	1500
	535	45.50	14.80	38.30	13.97	30	1500
	540	45.60	14.84	38.40	14.07	30	1500
	Under BNPI						
	520	44.60	15.24	37.40	13.91	30	1500
	525	44.70	15.28	37.50	14.01	30	1500
	530	44.80	15.32	37.60	14.10	30	1500
	535	44.90	15.36	37.70	14.20	30	1500
	540	45.00	15.40	37.80	14.29	30	1500
	545	45.10	15.44	37.90	14.39	30	1500
	550	45.20	15.48	38.00	14.48	30	1500
555	45.30	15.52	38.10	14.57	30	1500	
560	45.40	15.56	38.20	14.67	30	1500	
565	45.50	15.60	38.30	14.76	30	1500	
570	45.60	15.64	38.40	14.85	30	1500	