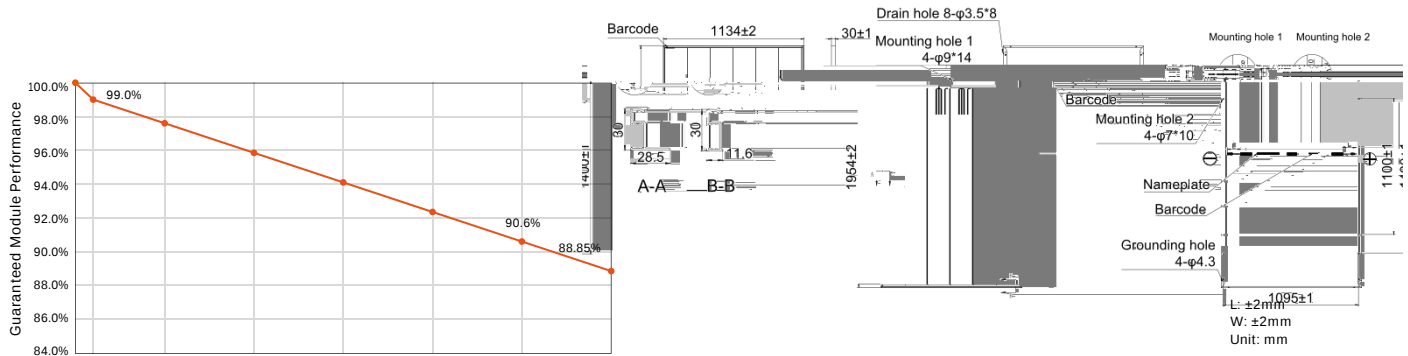


Output

Efficiency

First-year Degradation

Annual Degradation from Year 2-30



(STC: AM1.5 1000W/m ² 25 NOCT: AM1.5 800W/m ² 20 1m/s)										Power Tolerance:0~ 3%
Module Type	AIKO-A530-MCE60Dw		AIKO-A535-MCE60Dw		AIKO-A540-MCE60Dw		AIKO-A545-MCE60Dw		AIKO-A550-MCE60Dw	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P _{max} [W]	530	402	535	405	540	409	545	413	550	417
V _{oc} [V]	45.40	43.07	45.50	43.17	45.60	43.26	45.70	43.36	45.80	43.45
V _{mp} [V]	38.20	36.24	38.30	36.34	38.40	36.43	38.50	36.53	38.60	36.62
I _{sc} [A]	14.76	11.93	14.80	11.96	14.84	11.99	14.88	12.02	14.92	12.06
I _{mp} [A]	13.88	11.10	13.97	11.17	14.07	11.25	14.16	11.32	14.25	11.40

Cell Type	N-Type ABC
Front Cover	2.0mm coated semi tempered glass
Rear Cover	2.0mm semi tempered glass
Frame	Black Anodized aluminum
Cable	4mm ² (IEC) 12AWG(UL) ±1200mm
No. of Cells	120(6*20)
Junction Box	IP68, 3 bypass diodes
Connector	Original MC4-EVO2A
Weight	27.1kg±3%
Dimension	1954*1134*30mm
Package Detail	37pcs per pallet / 185pcs per 20'GP / 888pcs per 40'HC

(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

Operation Temperature	-40 - +70
Maximum Series Fuse Rating	25A
Protection Class	Class
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



*AIKO reserves right to update the specification without notice
 *Optional Munich Re coverage is available upon request
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