AIKO

AIKO ABC GEN 4

INFINITE Ultra

54-CELL | 54Mw
510 W
+10 W vs G3
+35 W vs TOPCon



60-CELL | 60Dw
560 W
+10 W vs G3
+45 W vs TOPCon



66-CELL | 66Dw
670 W
+15 W vs G3
+20 W vs TOPCon



72-CELL | 72Mw
700 W
+20 W vs G3
+50 W vs TOPCon



Performance Upgrade Across Portfolio

CELL EFFICIENCY
27.4%
up from 27.2% in G3

Six process upgrades in the ABC 4.0 cell

ACTIVE AREA
97%
20% less non-cell area

Zero-Gap and InvisiRibbon

POWER
UP TO **+20 W**
vs G3 across formats

Same size and same weight

BIFACIALITY
85%
up from 80% in G3

Optimised rear-side metallisation (66-cell)

Value Beyond Wattage

Class A
Partial Shading
TÜV Rheinland

Class A*
Fire Safety
IEC

Crack-free
Durability
TÜV NORD 230 kg test

Flexible
Installation
5 mounting options

BloombergNEF TIER 1 PV Modules · Installers' Choice 2026 Solar Quotes Best Panels · EUPD Research Top Brand PV Modules Australia 2026 · EUPD Research Top Innovation Modules Australia 2025 · Top Performer 2026 kiwa PV Module Reliability Scorecard · TaiyangNews All About Solar Power Top Solar Modules 2025 AIKO Solar Highest Efficiency Commercial Solar Modules · Gold | Top 5% ecovadis Sustainability Rating Oct 2026 · Wood Mackenzie Grade A · reddot winner 2023

Disclaimer: Power figures are AIKO G4 headline bins vs G3-ABC and TOPCon 3.0 of the same size; 54Mw and 72Mw are single-glass; 66-cell compared with the 655 W G3 launch. Shading Class A: TÜV Rheinland; fire Class A: IEC; crack test: TÜV NORD. *Fire Class A applies to dual-glass modules only. Actual performance depends on final products and test conditions.

Gen 4 ABC INFINITE Ultra | Customer Value

Australian scenarios, AIKO G4 vs TOPCon 3.0 on the same roof. All figures in A$.

Homeowner

AIKO 510 W vs TOPCon 475 W

+7.4% Installed capacity

4.5 yrs Payback period

+10.6% 30-yr generation

+A$5.5k 30-yr profit





Remark: Same 20 modules, 9.5 vs 10.2 kWp; Sydney; A$0.878/W after STCs (Oct 2026); 30c tariff, 5c feed-in. (35% self-consumption, 65% exported to the grid.)

C&I EPC

AIKO 560 W vs TOPCon 520 W

+7.69% Installed capacity

+A$3.6k Gross profit

+247 STC quantity

+A$9.8k STC value gain





Remark: Same 893 modules, 464 vs 500 kWp; EPC contract price A$1.10/W, system cost A$1.00/W; Zone 3 STCs: 3,208 vs 3,455 at A$39.65.

C&I Owner

AIKO 560 W vs TOPCon 520 W

+0.80 pt IRR

−1.5 mo Payback period

+11.7% 30-yr generation

+A$277k 30-yr profit





Remark: Same 893 modules, 464 vs 500 kWp; 1,500 vs 1,545 kWh/kWp (ABC +3%); STCs at A$39.65; A$0.12/kWh; 0.40% vs 0.35%/yr.

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