

AIKO A-500-MAH60Db 500W G2 FB Bifacial

Product code: PV.aiko.fb.500.Db



Od ilości:	
≥ 37 pcs.	Product prices only visible after login. If you do not have an account, please register.
≥ 370 pcs.	Product prices only visible after login. If you do not have an account, please register.

The modern bifacial AIKO 500 W module from the G2 series – top efficiency thanks to All-Back Contact (ABC) technology. Black frame, full black glass front, and premium aesthetics. A perfect choice for commercial systems and residential rooftops.

Product variants

Index	Price
AIKO A-500-MAH60Db 500W G2 FB Bifacial PV.aiko.fb.500.Db	Product prices only visible after login. If you do not have an account, please register.

Product description

The AIKO A-500-MAH60Db G2 FB Bifacial solar module is a next-generation product using n-type semiconductor cells with All-Back Contact (ABC) technology, achieving very high module efficiency – up to 22.6%.

Thanks to its bifacial design, the panel also generates power from reflected light, adding several percent of extra energy yield. The elegant black frame and dual-glass construction ensure a sleek, uniform appearance and increased durability.

Key technical specifications:

Nominal power: 500 W

Module efficiency: 22.6%

Dimensions: $1954 \pm 2 \text{ mm} \times 1134 \pm 2 \text{ mm} \times 30 \pm 1 \text{ mm}$

Weight: approx. 27.2 kg ($\pm 3\%$)

Glass: Dual 2.0 + 2.0 mm tempered glass

Design: Full-Black, black anodized aluminum frame

Connections: Junction box IP68, 3 bypass diodes, 4 mm² cable (~1200 mm), MC4-EVO2/Stäubli connectors

Static load: Snow 5400 Pa, wind 2400 Pa

Operating temperature: -40 °C to +85 °C

Max system voltage: 1500 V DC

Benefits and applications:

Performance and economy: High power and bifacial technology deliver maximum energy yield.

Premium aesthetics: Fully black dual-glass design fits modern rooftops and facades.

Durability: Dual-glass increases resistance to snow, wind, hail, and environmental conditions.

Warranty: 25-year product warranty and 30-year linear performance warranty (up to 88%).