



KODAK SOLAR MODULES

500W FBBI AM

Thanks to its innovative assembly technology

The KODAK 500 W Full black module TOPcon bi-facial offers the guarantee of lasting performance.

High performance M10 6X20 cells

The KODAK 500 W module has been designed to provide high levels of efficiency thanks to its 120 TOPcon monocrystalline half-cells.

Reduced dimensions

The M10 6X20 cell technology was chosen to allow maintain an ideal panel size for residential use.



Efficiency of 22.5% Half-cell technology For optimized panel efficiency



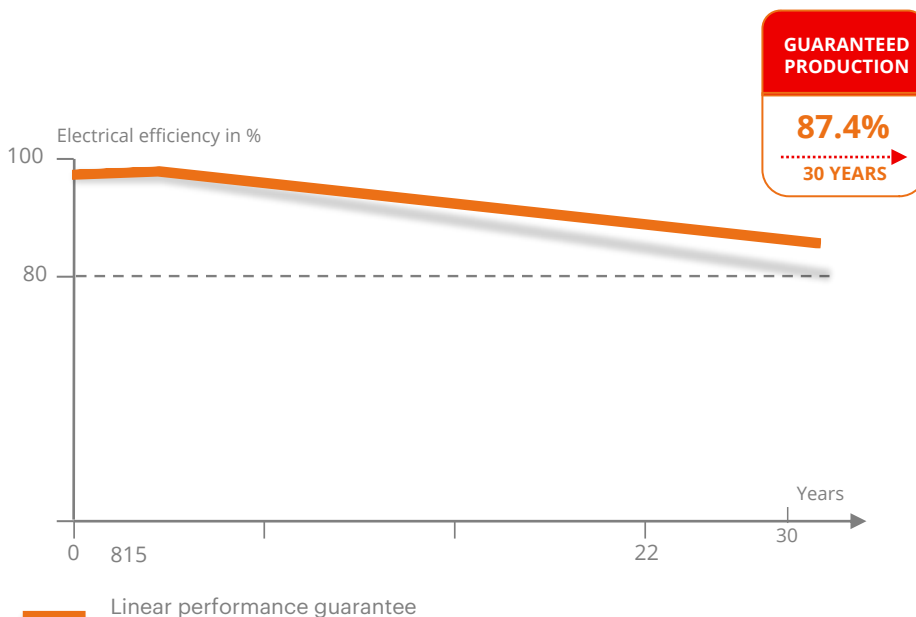
Guaranteed power up to 87% in the 30th year



Full black aesthetic
Elegant design that blends discreetly into the roof



Recycling of any module at the end of the cycle



Electrical characteristics

Electrical parameters under STC standardized test conditions

Rated power (Pmax)	500 W
Open circuit voltage (Vmp)	37,47 V
Short circuit current (Imp)	13,34 A
Voltage at rated power (Voc)	43,58 V
Current at rated power (Isc)	14,12 A
Module efficiency (%)	22,61 %

STC = Standardized test conditions: irradiance 1000 W/m², temperature of cells 25°C, AM 1.5

Electrical parameters under standardized NMOT test conditions

Rated power (Pmax)	375 W
Open circuit voltage (Vmp)	35,88 V
Short circuit current (Imp)	10,44 A
Voltage at rated power (Voc)	41,73 V
Current at rated power (Isc)	11,40 A
Module efficiency (%)	22,61 %

NOCT: Irradiance at 800 W/m², Ambient temperature 20°C, Wind speed 1 m/s.

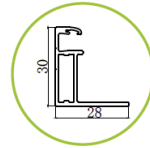
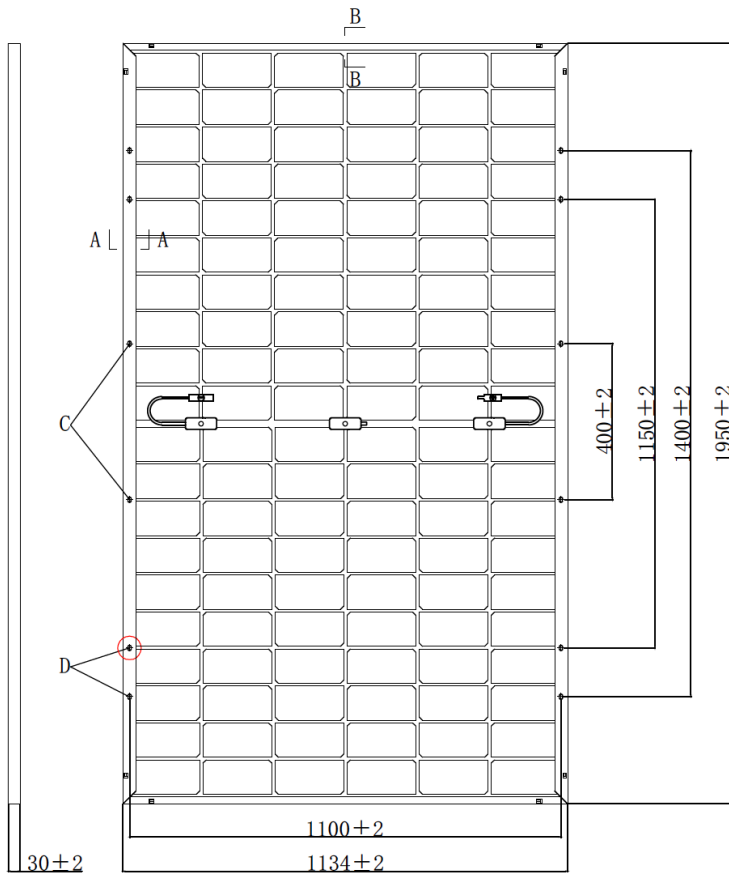
Mechanical characteristics

Cell type	Monocrystalline bi-Facial TOPCON
Number of cells	120 (6x20)
Module dimensions	1950×1134×30 mm
Weight	27,3 Kg
Front covering	2mm+2mm Black Aluminum
Frame	Tempered Glassr
Junction box	IP68
Cable	1300mm x 4 mm2
Connector	MC4 or compatible

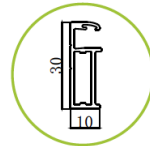
Packaging

Standart packing	36 pcs /pallet
20' container	216 pcs
40' container.	792 pcs (Hq)

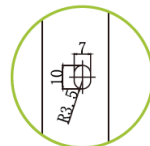
Dimensions



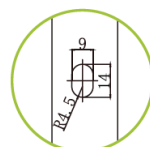
A Long Frame



B Short Frame



C Mounting Hole



D Mounting Hole

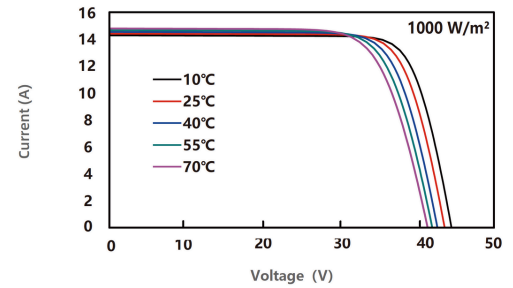
Temperature characteristics

Nominal Cell Operating Temperature (NMOT) Pmpp Temperature	45 ±2°C
Coefficients	-0,31%/°C
Temperature coefficients of Voc	-0,26%/°C
Temperature coefficients of Isc	0,04%/°C

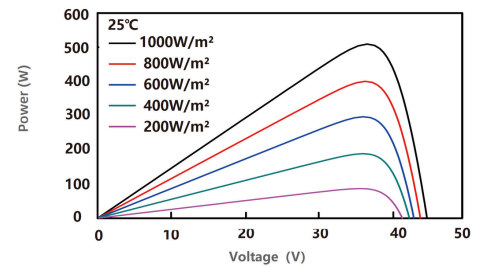
Maximum values

Operating temperature	-40°C à + 85 °C
Maximum system voltage.	1500 Vdc
Maximum value of series fuse	30 A

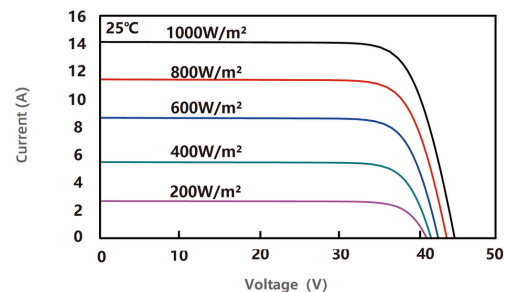
Specifications shown in this data sheet are subject to change without notice.



I-V Characteristics At Different Temperatures



P-V Characteristics At Different Irradiations



I-V Characteristics At Different Irradiations



IEC 61215 -61730 -62716
61701 -62804



ISO9001:2015 -ISO14001:2015

