

132cells N_type Monocrystalline Bifacial Dual Glass Module



CAN-770BMB

M12



770W

Maximum Power Output

24.79%

Maximum Module Efficiency

Power Shorting Tolerance: 0~+3W

2384x1303x30mm

Module Dimensions

IEC 61215/ IEC 61730

Fire safety class: Class C according to UL 790

ISO 9001: Quality Management System

ISO 14001: Environmental Management



0~3W

A guaranteed 0~3W positive tolerance ensures the power output reliability.



High customer value

Lower cost per kilowatt hour. high-quality silicon wafer guarantee, high power module output, excellent cost-performance advantage, is an ideal choice for solar power stations.



Highly reliable due to stringent quality control

Three times stricter EL testing beyond certification requirements.



Fusion of MBB and half-cut cell technology

The new circuit design minimizes the impact of shadows on the power generation of solar modules. Excellent light utilization and current collection capacity effectively improve product power output and reliability.



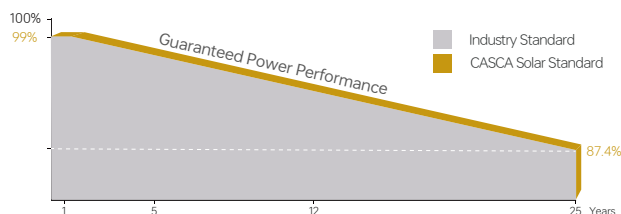
Excellent Anti-PID performance

Ensure that the scale production passes the PID test, and greatly reduce the attenuation caused by PID by optimizing the wafer process.



Outstanding low light performance

The coated glass with high transmittance and the surface technology of the wafer are used to achieve excellent performance in low light environments.



Process Warranty



Power Warranty

Industry Leading Linear Power Warranty.

12-year warranty for materials and processing.

25-year warranty for extra linear power output.

Electrical Parameters at STC

Rated Maximum Power(Pmax) [W]	770
Maximum Power Voltage(Vmp) [V]	43.20
Maximum Power Current(Imp) [A]	17.83
Open Circuit Voltage(Voc) [V]	51.00
Short Circuit Current(Isc) [A]	18.9
Module Efficiency [%]	24.79

☀ Irradiance 1000 W/m² Module 🌡 Temperature 25°C 🌍 Tmospheric=1.5

Electrical Parameters at NOCT

Rated Maximum Power(Pmax)[W]	590
Maximum Power Voltage(Vmp) [V]	40.36
Maximum Power Current(Imp) [A]	14.62
Open Circuit Voltage(Voc) [V]	48.50
Short Circuit Current(Isc) [A]	15.19

☀ Irradiance 800 W/m² Ambient 🌡 Temperature 20°C 🌬 Wind Speed: 1m/s

Mechanical Specification

Cell Type	Monocrystalline
Cell Dimensions	210x210 mm
Cell Arrangement	132(6x11 x2)
Weight	38kg(±3%)
Module Dimensions	2384x1303x30 mm
Cable	300mm (1200mm Length can be customized)
Front & Back Glass	2.0mm AR-coating heat-strengthened glass
Frame	Anodized aluminium alloy (Black)
Junction Box	IP68, 3 Bypass-Diode
Connector	Mc4 Compatible
Mechanical Load	Front side 5400Pa/Rear side 2400Pa

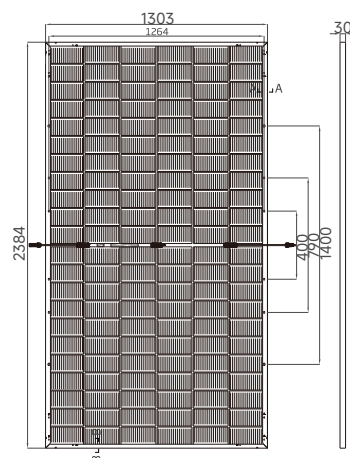
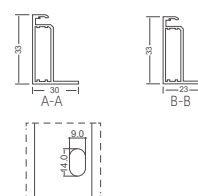
Operating Conditions

Maximum System Voltage (V)	1000VDC/1500VDC
Pmax Temperature Coefficient	-0.30%/°C
Voc Temperature Coefficient	-0.26%/°C
ISC Temperature Coefficient	+0.046%/°C
Nominal Operating Cell Temperature	45±2°C
Operating Temperature	- 40°C-+85°C
Maximum Series Fuse	30A

Packing Configuration

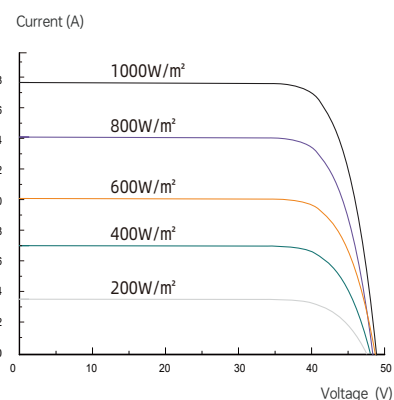
Quantity/Pallet	36pcs/Pallet
Quantity/Container	648pcs/40HQ

Module Dimension(mm)

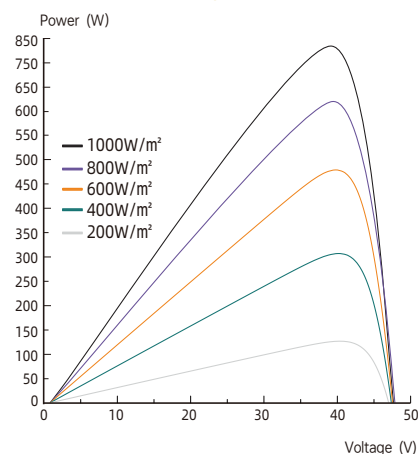


Tolerance
Length: ±2mm
Width: ±2mm
Height: ±1mm
Hole distance: ±1mm

Current-Voltage Curve (770W)



Power-Voltage Curve (770W)



* Specifications included in this datasheet are subject to change without notice. CASCA reserves the right of final interpretation.

Contact

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