






RS9-720 SERIES

Bifacial N-Type Solar Module

The Megatron RS9-720 is a high-efficiency bifacial N-type half-cell solar module, built for reliable performance in residential, commercial, and industrial systems. With excellent power output, long-term durability, and resistance to harsh environments, it's a dependable choice for modern solar energy needs.



-  720W High Power Output
-  1500V System Voltage Support
-  Excellent low-light performance
-  Has lower LID/LeTID attenuation
-  Maximize your energy density with advanced N-Type Bifacial technology

Specifications (STC)

Irradiance at 1000W/m², Cell Temp 25 °C, Air Mass AM1.5

Maximum Power (Pmax)	720W
Power Tolerance	0~+5W
Module Efficiency	23.18%
Maximum Power Current (Imp)	17.44A
Maximum Power Voltage (Vmp)	41.30V
Short Power Voltage (Isc)	18.49A
Open Circuit Voltage (Voc)	49.40V

Specifications (NOCT)

Irradiance at 800W/m², Cell Temp 20 °C, Air Mass AM1.5, Wind Speed 1m/s

Maximum Power (Pmax)	551W
Maximum Power Current (Imp)	14.19A
Maximum Power Voltage (Vmp)	38.80V
Short Power Voltage (Isc)	14.90A
Open Circuit Voltage (Voc)	46.90V

Warranty 25 Years

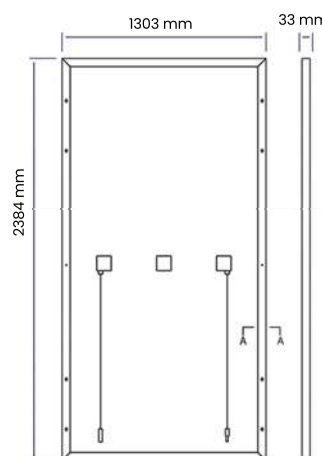
Mechanical Characteristics

Cell Type	MonoN-Type,132(6x22), Half-Cut cells
Glass	2mm+2mm, High Transmission, Low Iron, Semi Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Module Dimensions	2384 x 1303 x 33mm
Output Cable	4mm ² (EU), +350mm, -280mm or Customized
Weight	38.4 kg
Connector	MC4 compatible

Characteristics

Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Pmax	0.29%/°C
Nominal Operating Cell Temperature (NOCT)	43±2 °C
Fire Performance	IEC Class C

Dimensions



Frame

Compact & Sturdy | 33 mm

Cells

132 Monocrystalline

N-Type



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