

SPMLBI195

Maple Leaf 195W Mono Rigid Solar Bi-facial Panel

195W Mono Rigid

Meet the resilient 195W Mono Rigid Solar Bi-facial Panel – a certified powerhouse for reliable energy. With CE-tested solar modules and bypass diodes, it also conquers shading challenges. Crafted with high-purity monocrystalline silicon cells, this panel is a versatile choice for RVs, rooftops, cabins, and more.

Easy installation, compatibility with various mounting systems, and a comprehensive 25-year warranty make it the perfect choice for a sustainable energy future. Elevate your power game with efficiency, durability, and all-weather reliability.

Warranty



**Power Output
Warranty**

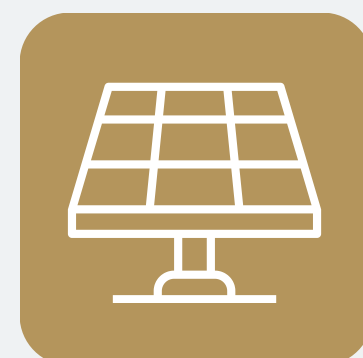


**Power Performance
Warranty**

Product Certification



Key Features



Bifacial with Excellent Light Transmission

Achieving an outstanding conversion rate of 30% more by capturing sunlight from both side of panels which helps in superior light transmission and durability.



Advanced Technology

Protective back sheet and multi-layered lamination technology contribute to its advanced performance.



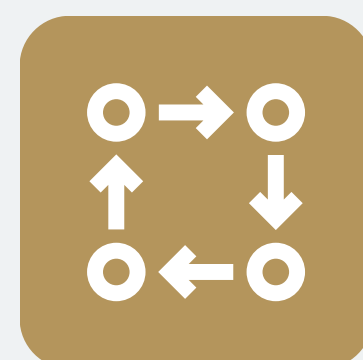
Multi-Protection Features

With bypass diodes, it guards against overheating and keeps running without interruption even in shading.



Built for Endurance and Longevity

Long-term outdoor use with corrosion-resistant metal frame, withstand strong winds(2400Pa) & snow(5400Pa).



Quick and inexpensive mounting

Compatibility with variety of mounting, including Ground, Z brackets, Corner Brackets, Pole, and Tilt Mounting.



Effortless Installation

Back has pre-drilled holes to make installation easier. Perfect for off-grid uses: Buildings, Trailers, Vehicles, Homes, Rooftops, Boats, and RVs.

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Mechanical Parameters

Solar Cells	Monocrystalline
Date	Aug 2023
Dimensions	1100*890*30mm
Weight	10.2/11.6kg
Connectors	MC4 compatible
Wind load test	2400Pa/0.35 PSI
Snow Load Test	5400Pa/0.75 PSI
Standard Test Condition	1000W/m ² , AM 1.5, 25°C
Cell Efficiency	22%
Cell	210*33.2--32*4
Temperature Range	-40°C to +80°C
Manufacture Warranty	25 years
Power Performance Warranty	>90% after 15 years >80% after 25 years
Module Structure	Aluminum Frame / Glass / EVA / Backsheet

Electrical Characteristics

I _{mp}	11.02A
V _{oc}	21.57V
I _{sc}	11.69A
Output Tolerance	0 - +3%
P _m V _{mp}	18.15V
Maximum System Voltage	500V(IEC)
Max Series Fuse Rating	20A

Junction Box

Junction Box	≥IP67 rated
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MC4 Connectors

Rated Current	30 A
Maximum Voltage	1000 VDC
Certified	UL & CSA
Temperature Range	-40°C -90°C(-40°F - 194°F)
IP Rating	IP 67
Cable (MC4)	700mm /2.5mm ²

*** The information and measurements in this datasheet have been assessed under Standard Test Conditions, so there may be slight differences from real-world findings. Maple Leaf and its associated entities retain the right to change the information given within this datasheet without prior notice. Our goal is to provide clients with the most recent product information. You can find these datasheets in the downloading section of our product description.