

## MAPLE LEAF

power systems

## 150W CPC Semi-flexible Solar Panel | 25 years Warranty

Meet the groundbreaking Bifacial 150W CPC semi-flexible solar panel – a marvel that combines cutting-edge technology with unmatched precision! This incredibly light and flexible panel, weighing only 7.27-10.58 pounds, is a mere 30% of the weight of standard panels and boasts a thickness of less than 5%.

An extraordinary 248-degree flexibility, achieved through advanced solar cell innovation and top-tier lamination techniques. Installing, moving, and maintaining it on uneven surfaces has never been simpler!



## TECH & SPECS

Item/Model         SPML150CPC           Solar Cell Type         CPC/Bifacial           Date         Aug 2023           Maximum System Volatge         100V(IEC)           Max Series Fuse Rating         20A           Dimension(L*W*H)mm         800*1088*2mm           Weight         3.3/4.8kg           Pm Vmp         18.58V           Imp         8.09A           Voc         21.7V           Isc         8.58A           Output Tolerance         0 - +3%           Standard Test Condition         1000W/m2, AM 1.5, 25°C           Operating Temperature         -20°C to +65°C           Manufacture Warranty         25 years           Power Performance Warranty         >90% after 15 years >>80% after 25 years		
Date         Aug 2023           Maximum System Volatge         100V(IEC)           Max Series Fuse Rating         20A           Dimension(L*W*H)mm         800*1088*2mm           Weight         3.3/4.8kg           Pm Vmp         18.58V           Imp         8.09A           Voc         21.7V           Isc         8.58A           Output Tolerance         0 - +3%           Standard Test Condition         1000W/m2, AM 1.5, 25°C           Operating Temperature         -20°C to +65°C           Manufacture Warranty         25 years           Power Performance         >90% after 15 years	Item/Model	SPML150CPC
Maximum System Volatge         100V(IEC)           Max Series Fuse Rating         20A           Dimension(L*W*H)mm         800*1088*2mm           Weight         3.3/4.8kg           Pm Vmp         18.58V           Imp         8.09A           Voc         21.7V           Isc         8.58A           Output Tolerance         0 - +3%           Standard Test Condition         1000W/m2, AM 1.5, 25°C           Operating Temperature         -20°C to +65°C           Manufacture Warranty         25 years           Power Performance         >90% after 15 years	Solar Cell Type	CPC/Bifacial
Max Series Fuse Rating       20A         Dimension(L*W*H)mm       800*1088*2mm         Weight       3.3/4.8kg         Pm Vmp       18.58V         Imp       8.09A         Voc       21.7V         Isc       8.58A         Output Tolerance       0 - +3%         Standard Test Condition       1000W/m2, AM 1.5, 25°C         Operating Temperature       -20°C to +65°C         Manufacture Warranty       25 years         Power Performance       >90% after 15 years	Date	Aug 2023
Dimension(L*W*H)mm         800*1088*2mm           Weight         3.3/4.8kg           Pm Vmp         18.58V           Imp         8.09A           Voc         21.7V           Isc         8.58A           Output Tolerance         0 - +3%           Standard Test Condition         1000W/m2, AM 1.5, 25°C           Operating Temperature         -20°C to +65°C           Manufacture Warranty         25 years           Power Performance         >90% after 15 years	Maximum System Volatge	100V(IEC)
Weight       3.3/4.8kg         Pm Vmp       18.58V         Imp       8.09A         Voc       21.7V         Isc       8.58A         Output Tolerance       0 - +3%         Standard Test Condition       1000W/m2, AM 1.5, 25°C         Operating Temperature       -20°C to +65°C         Manufacture Warranty       25 years         Power Performance       >90% after 15 years	Max Series Fuse Rating	20A
Pm Vmp  Imp  8.09A  Voc  21.7V  Isc  8.58A  Output Tolerance  O - +3%  Standard Test Condition  1000W/m2, AM 1.5, 25°C  Operating Temperature  Power Performance  Power Performance  18.58V  8.09A  1009A  1000	Dimension(L*W*H)mm	800*1088*2mm
Imp  Imp  8.09A  Voc  21.7V  Isc  8.58A  Output Tolerance  0 - +3%  Standard Test Condition  Operating Temperature  Manufacture Warranty  Power Performance  8.09A  21.7V  1000W/m2, AM 1.5, 25°C  -20°C to +65°C  25 years  >90% after 15 years	Weight	3.3/4.8kg
Voc 21.7V  Isc 8.58A  Output Tolerance 0 - +3%  Standard Test Condition 1000W/m2, AM 1.5, 25°C  Operating Temperature -20°C to +65°C  Manufacture Warranty 25 years  Power Performance >90% after 15 years	Pm Vmp	18.58V
Isc 8.58A  Output Tolerance 0 - +3%  Standard Test Condition 1000W/m2, AM 1.5, 25°C  Operating Temperature -20°C to +65°C  Manufacture Warranty 25 years  Power Performance >90% after 15 years	Imp	8.09A
Output Tolerance  O - +3%  Standard Test Condition  1000W/m2, AM 1.5, 25°C  Operating Temperature  -20°C to +65°C  Manufacture Warranty  25 years  Power Performance  >90% after 15 years	Voc	21.7V
Standard Test Condition  1000W/m2, AM 1.5, 25°C  Operating Temperature  -20°C to +65°C  Manufacture Warranty  25 years  Power Performance  >90% after 15 years	Isc	8.58A
Operating Temperature  -20°C to +65°C  Manufacture Warranty  25 years  Power Performance  >90% after 15 years	Output Tolerance	0 - +3%
Manufacture Warranty 25 years  Power Performance >90% after 15 years	Standard Test Condition	1000W/m2, AM 1.5, 25°C
Power Performance >90% after 15 years	Operating Temperature	-20°C to +65°C
	Manufacture Warranty	25 years

With a waterproof design, it's reliable in any weather, enduring heavy snow loads and high winds. Ready for installation with flexible adjustable angles and a 25-year warranty, this solar panel is your durable and efficient energy solution.

Experience the future of solar power with the

## 150W CPC Semi-flexible Solar Panel

– your gateway to unstoppable, efficient energy. Upgrade today for a greener, brighter tomorrow!



www.MapleLeafPowerSystems.com

