

AT-GLASS-19.1-150AV10

150W 12V Rigid Glass Shingled Solar Panel – For Tight Spaces

Utilize narrow roof space with the Amtron 150W 12V Slimline Shingled Glass Solar Panel, a highly efficient and rugged power source specifically designed for the tight dimensions of RVs, campers, caravans, or anything on the move. This slimline panel features advanced shingled cell technology for superior shading tolerance and vibration resistance, ensuring consistent output even in challenging environments. Built with a durable 35mm frame and anti-PID performance, it is the perfect scalable solution for charging 12V batteries or connecting in series for high-voltage home backup and marine systems.

- Slimline Design: 1110 x 700 x 35 mm footprint, perfect for narrow mounting areas.
- Shingled Cell Tech: Enhanced durability and superior performance in partial shade.
- High Output: 150W peak power with 19.1V Max Power Voltage (Vmp).
- Built to Last: Rugged glass construction with high shock and vibration resistance.
- Versatile Charging: Ideal for 12V setups or series-linked high-voltage arrays.



SPECIFICATIONS

Item	Specification	Description/Remark
Model	AT-GLASS-19.1-150AV10	150W 12V Glass Perc Shingled – 35mm Solar Panel
Maximum power rating	Pmax 150 Watt	
Dimensions – LxWxH	1100x700x35mm	
Weight	8.2kg	
Tolerance on power output	+/- 3.0 %	
Current at max power – Imax	7.86 Amps	
Voltage at max power – Vmax	19.1 Volts	
Short circuit current – Isc	8.32 Amps	
Open circuit voltage – Voc	22.5 Volts	
No. of cells	132 (4 x 33)	
Cell Efficiency	22.7%	
Maximum system voltage	1000V DC(IEC)	
Junction Box	with 1.5sqmm 2 core cable MC4	
Output Cable	Solar mc4 4mm2 cable	
Max. System Voltage	1000V DC (IEC)	
Operating Temperature	– 40°C ~ 85°	
Waterproofing Rating	IP67	
Warranty	10 years	