



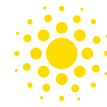
Westinghouse Solar



sun for everyone™



solar panel AC-175w



Westinghouse Solar Power Systems

For more than a century, the Westinghouse name has stood for reliability and innovation — developing solutions that deliver safe and efficient electrical energy while introducing smart products for the home that bring comfort and convenience to the lives of millions. Today, that tradition continues with Westinghouse Solar Power Systems which are safer, more powerful, and more reliable than any other, while backed by the proven quality of the Westinghouse name.

The Westinghouse Solar AC 175w solar panel leverages the very latest design and advances in technology to yield maximum power, performance and reliability.

Our proven innovation and quality provides:

5-25% more energy than other solar panels. Advanced monocrystalline solar cell technology efficiently captures and converts more of the sun's energy into usable power for you, while the panel technology ensures maximum power production.

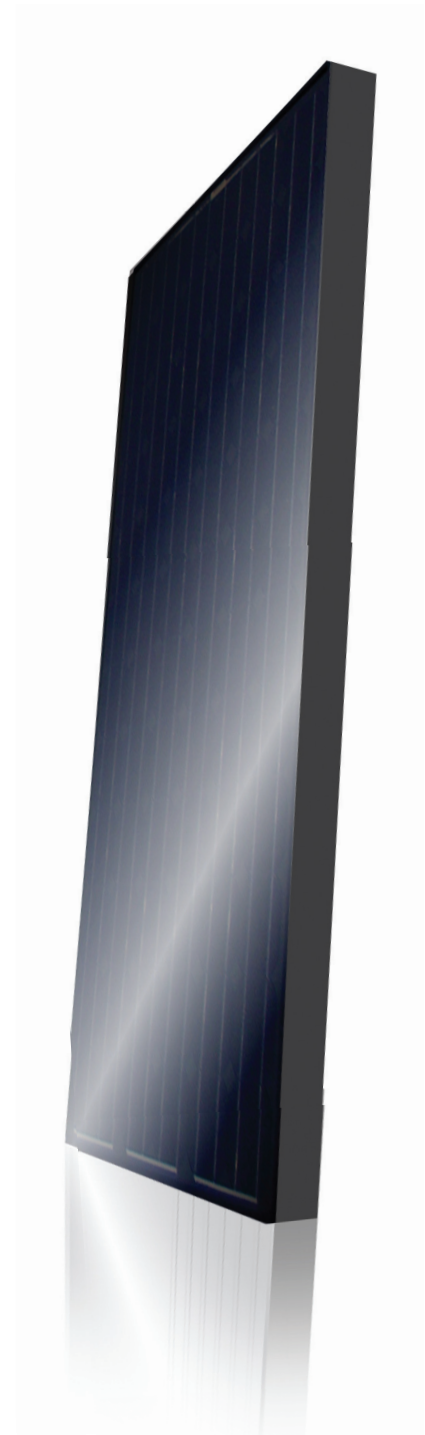
Safe, reliable AC power. Westinghouse Solar Power Systems feature a built-in technology that delivers safe AC power. In addition, our protected wiring and solid framing and grounding systems eliminate the hazards of exposed wiring and the corrosive effects of sun, wind and rain to provide decades of optimal performance.

Sleek, efficient design. The clean, contemporary look of Westinghouse Solar Panels complements any roof and style of home. The entire system requires 80% fewer parts to install and maintain—ensuring years of worry-free operation.

Ruggedized construction. Westinghouse Solar cells are hermetically sealed under toughened, high-transmission glass and secured in our patented framing technology to create a panel that is weather resistant and extremely-reliable.

Monocrystalline cell technology. Each Westinghouse Solar cell is made from microscopic wafers cut from a high-purity, single-crystal cylinder or boule. This process yields superior light absorption and energy conversion characteristics.

Advanced power production technology. Westinghouse Solar panels incorporate reliable weather resistant electronics and highly efficient micro-inverters built directly into each panel, delivering greater energy production across various outdoor conditions.



Recognized By The Best, As The Best. Leading consumer and industry groups have honored Westinghouse Solar with their highest awards and accolades. Yet another example of how the Westinghouse name is known worldwide for outstanding quality and reliability.



Integrated Mounting Systems. Westinghouse Solar panels seamlessly integrate with Westinghouse Solar Roof Kits and Flat Roof Mounting Systems.

You Have Our Word on It. Every Westinghouse Solar Power System is backed by the proven reliability of the Westinghouse name — for more than a century a guarantee of quality.



The Westinghouse Solar Power Warranty
PANELS 25-YEARS | INVERTERS 15-YEARS

Electrical Characteristics at Standard Test Conditions

STC: irradiance of 1000W/m², spectrum AM 1.5g, and cell temperature of 25° C

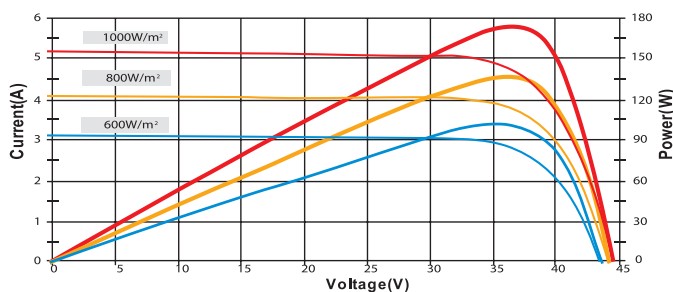
ST175-1

Peak Power ¹	P _{max}	175W
Output Tolerance		±3%
Rated Current	I _{mp}	4.95A
Rated Voltage	V _{mp}	35.2V
Short-Circuit Current	I _{sc}	5.20A
Open-Circuit Voltage	V _{oc}	44.2V
Series Fuse Rating		15A
Maximum System Voltage		600V
Temperature Coefficients	Power	-0.5 %/°C (± 0.05)
	Voltage	-0.155 V/°C (± 0.01)
	Current	-0.06 %/°C (± 0.01)
Cell Technology		72 Cell Mono-Si, 125 x 125mm

¹Peak Power at Output Tolerance

Performance Characteristics

Current vs. Voltage at 22° C
 ST175 -1



Mechanical Specifications - System

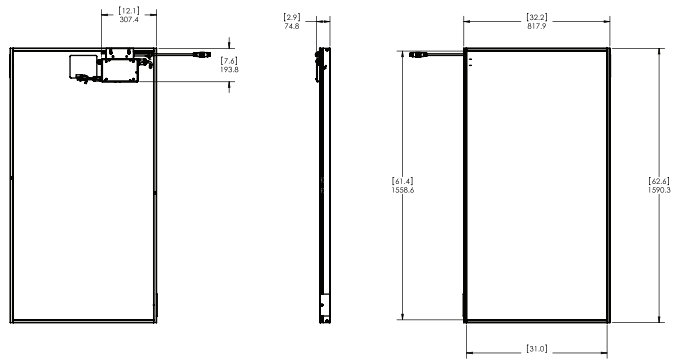
	ST175-1	Ordinary Solar
Racking hardware	Integrated	External
Grounding wires	Integrated	External
Wiring connections	Factory-assembled	Installer-assembled
Module-module connections	Integrated (Threaded)	External (Friction Clips)
Space between modules	1/8"	Up to 3"
Roofing penetrations	25% Fewer	Standard

Mechanical Specifications - Module

Length x Width
 62.6 x 32.2 inches
 159 x 82 cm

Thickness
 2.9 inches
 7.5 cm

Weight
 45.7 lbs
 20.7 kg



Micro-Inverter Technical Specifications

	M190-72-208-S01/2	M190-72-240-S01/2
Nominal output current	913mA	790mA
Nominal voltage/range	208V/183V-229V	240/211V-264V
Extended voltage/range	208V/179V-232V	240V/211V-269V
Nominal frequency/range	60.0/59.3-60.5	60.0/59.3-60.5
Extended frequency/range	60.0/59.3-60.5	60.0/59.3-60.5
Power factor	>0.95	>0.95
Maximum units per branch	21	15
Peak inverter efficiency	0.955	0.955
CEC weighted efficiency	0.95	0.95
Nominal MPP tracking	0.996	0.996
Operating temperature range	-40°C to +65°C	-40°C to +65°C
Night time power consumption	30mW	30mW
Cooling	Natural Convection - No Fans	
Enclosure environmental rating	Outdoor - NEMA 6	
Communication	Powerline	
Warranty	15 Years	
Compliance	UL1741/ieee1547 FCC Part 15 Class B	



Westinghouse Solar

Authorized Dealer

www.westinghousesolar.com



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