

# Sunmodule<sup>®</sup>

## SolarWorld Module SW 165/175 mono/P



The Sunmodule<sup>®</sup> SW 165/175 mono/P by SolarWorld offers an innovative module concept.

The monocrystalline 5" cells are embedded in a transparent EVA (ethylene-vinyl-acetate) to a tempered glass. The back of the module is sealed with a very high quality Tedlar-polyester-Tedlar film (TPT).

The compact top-quality product represents the ideal solution for every application. The SolarWorld module is certified to the requirements of IEC 61215.

	Module
Length:	63.9 inch
Width:	32.0 inch
Height:	1.6 inch
Frame:	Aluminium
Weight:	40 Lbs.

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## SolarWorld Module SW 165/175 mono/P

### Performance under standard test conditions (STC)

Peak power (Pmax)	165 Wp	175 Wp
Maximum power point voltage (Vmpp)	35.0 V	35.4 V
Maximum power point current (Impp)	4.72 A	4.95 A
Open circuit voltage (Voc)	44.5 V	44.6 V
Short circuit current (Isc)	5.4 A	5.43 A

### Performance at 800 W/m<sup>2</sup>, NOCT, AM 1.5

Peak power (Pmax)	120 Wp	127 Wp
Maximum power point voltage (Vmpp)	31.6 V	32.2 V
Maximum power point current (Impp)	3.8 A	3.9 A
Open circuit voltage (Voc)	40.0 V	40.4 V
Short circuit current (Isc)	4.2 A	4.25 A

Minor reduction in efficiency under partial load conditions at 25°C:  
at 200 W/m<sup>2</sup>, 92 % (+/- 3 %) of the STC efficiency (1000 W/m<sup>2</sup>) is achieved.

### Component materials

Cells per module	72
Solar cells	monocrystalline silicon
Cell dimensions	125 x 125 mm

### Thermal characteristics

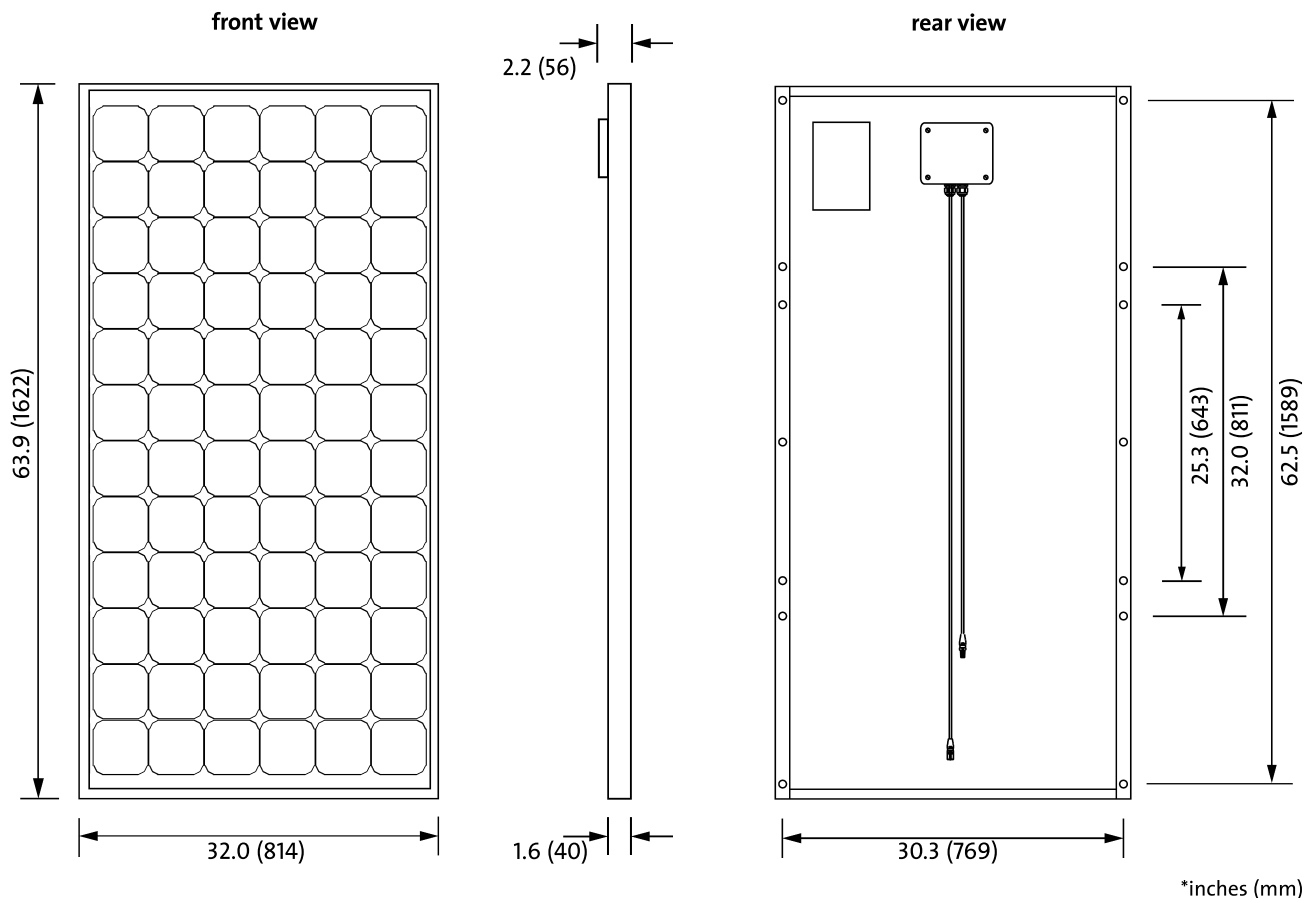
NOCT	45.5°C
TK Isc	0.03 %/K
TK Voc	-0.29 %/K

### System design characteristics

Maximum system voltage	600 V
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### Rated power and maximum tolerance

Rated power	165/175 Wp +/- 3 %
Connecting sockets	IP 54
Plug	MC type 3



Modules certified according to:



SolarWorld AG reserves the right to make specification changes without prior notice.  
For detailed information on this product please consider the installation manual.