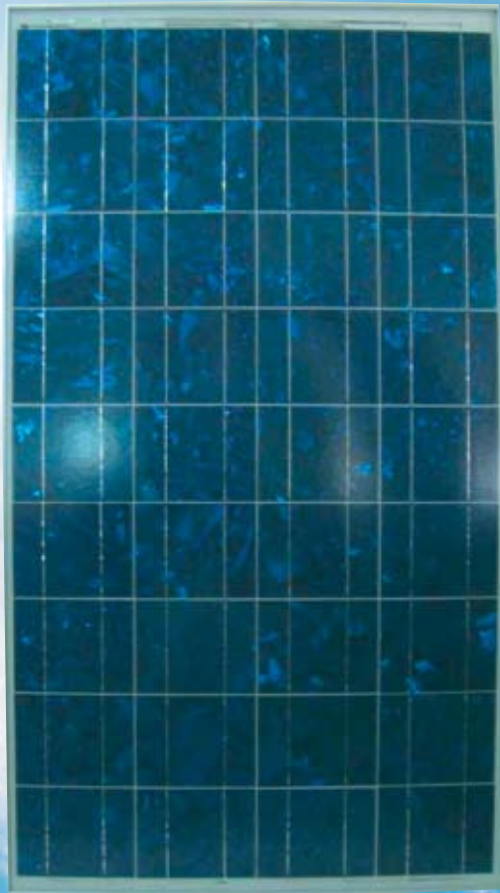


# Sunmodule®

## SW 80/313 poly/R



The Sunmodule® SW 80/313 poly/R by SolarWorld offers an innovative module concept – with designs created specifically for off-grid applications.

High efficiency crystalline silicon cell technology; enhanced by new high quality anti-reflection coatings leads to an exceptional performance.

Easy installation is assured through the field-accessible junction box and 4 mounting holes and 2 grounding holes per product.

This top-quality product represents the ideal solution for every application.

	Module
Length:	1130mm
Width:	665 mm
Height:	35 mm
Frame:	Aluminium
Weight:	8.75 kg

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Distributor

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**Performance under standard test conditions (STC)**

Peak power (Pmax)	80 Wp
Maximum power point voltage (Vmpp)	17.1 V
Maximum power point current (Impp)	4.68 A
Open circuit voltage (Voc)	21.5 V
Short circuit current (Isc)	5.14 A

Minor reduction in efficiency under partial load conditions at 25°C: at 200 W/m<sup>2</sup>; 95 % (+/- 10 %) of the STC efficiency (1000 W/m<sup>2</sup>) is achieved.

**Component materials**

Cells per module	36
Solar cells	polycrystalline silicon
Cell dimensions	156 x 117 mm <sup>2</sup>

**Thermal characteristics**

NOCT	46°C
TK Isc	0.08 %/K
TK Voc	-0.33 %/K

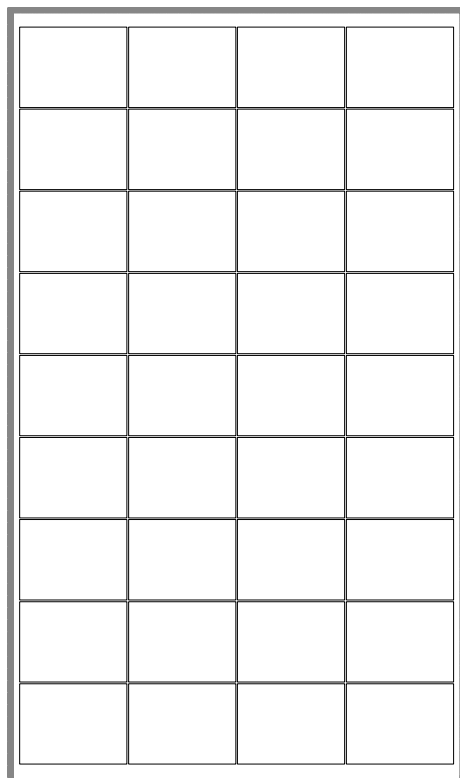
**System design characteristics**

Maximum system voltage	120 V
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**Rated power and maximum tolerance**

Rated power	80 Wp +/- 10 %
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front view SW 80/313 poly/R



rear view SW 80/313 poly/R

