

# Sunmodule®

## SW 80 mono/R 5E



The Sunmodule SW 80 mono/R 5E by SolarWorld offers an innovative module concept – with designs created specifically for off-grid applications.

High efficiency crystalline silicon cell technology leads to an exceptional performance.

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

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

	Module
Length:	1200 mm
Width:	527 mm
Height:	34 mm
Frame:	Aluminium
Weight:	7.6 kg

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Distributor

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### Performance under standard test conditions (STC)

Peak power	$P_{max}$	80 Wp
Maximum power point voltage	$V_{mpp}$	17.4 V
Maximum power point current	$I_{mpp}$	4.6 A
Open circuit voltage	$V_{oc}$	21.9 V
Short circuit current	$I_{sc}$	5.0 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	monocrystalline silicon
Cell dimensions	125 x 125 mm <sup>2</sup>

### Thermal characteristics

NOCT	46°C
Thermal coefficient $I_{sc}$	0.036 %/K
Thermal coefficient $V_{oc}$	-0.33 %/K

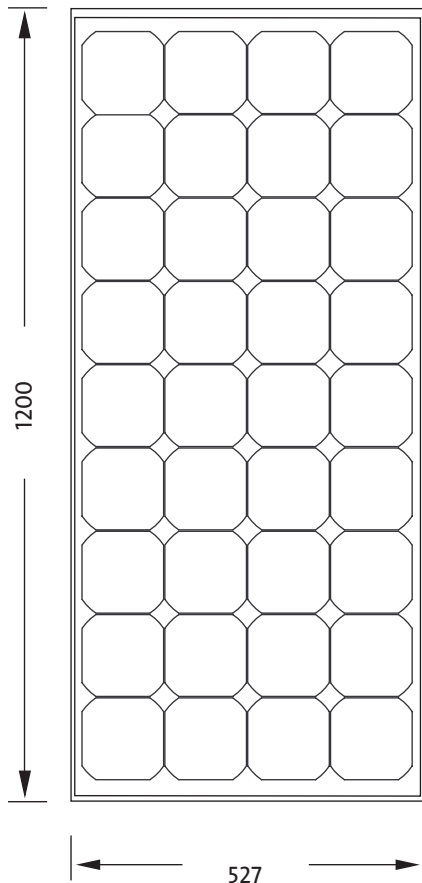
### System design characteristics

Maximum system voltage	715 V
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### Rated power and maximum tolerance

Rated power	80 Wp +/- 5 %
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front view SW 80 mono/R5E



rear view SW 80 mono/R5E

