

Sunmodule®

SW 50 mono/RD094



The Sunmodule SW 50 mono/RD094 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:	826 mm
Width:	536 mm
Height:	38 mm
Frame:	Aluminium
Weight:	5.2 kg

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Performance under standard test conditions (STC)

Peak power (Pmax)	50 Wp
Maximum power point voltage (Vmpp)	16.7 V
Maximum power point current (Impp)	2.99 A
Open circuit voltage (Voc)	21.0 V
Short circuit current (Isc)	3.40 A

Minor reduction in efficiency under partial load conditions at 25°C: at 200 W/m²; 95 % (+/- 10 %) of the STC efficiency (1000 W/m²) is achieved.

Component materials

Cells per module	36
Solar cells	monocrystalline silicon
Cell dimensions	125 x 83 mm ²

Thermal characteristics

NOCT	45.5°C
TK Isc	0.03 %/K
TK Voc	-0.33 %/K

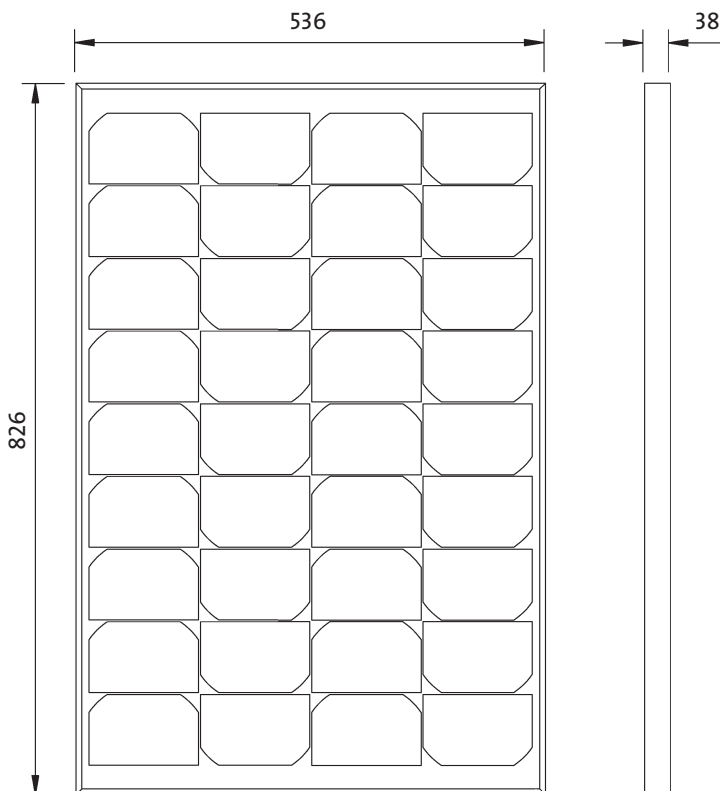
System design characteristics

Maximum system voltage	120 V
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Rated power and maximum tolerance

Rated power	50 Wp +/- 10 %
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front view SW 50 mono/RD094



rear view SW 50 mono/RD094

