

# Sunmodule®

## SW 75/80/85 mono/R5E



The Sunmodule SW 75/80/85 mono/R5E 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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#### Performance under standard test conditions (STC)

Peak power	$P_{max}$	75 Wp	80 Wp	85 Wp
Maximum power point voltage	$V_{mpp}$	17.3 V	17.5 V	17.8 V
Maximum power point current	$I_{mpp}$	4.34 A	4.58 A	4.78 A
Open circuit voltage	$V_{oc}$	21.7 V	21.9 V	22.1 V
Short circuit current	$I_{sc}$	4.80 A	5.00 A	5.20 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 125 mm²

#### Thermal characteristics

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

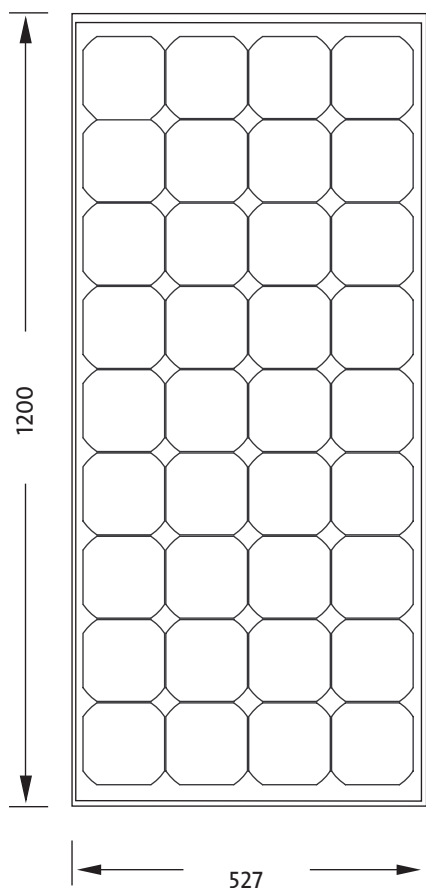
#### System design characteristics

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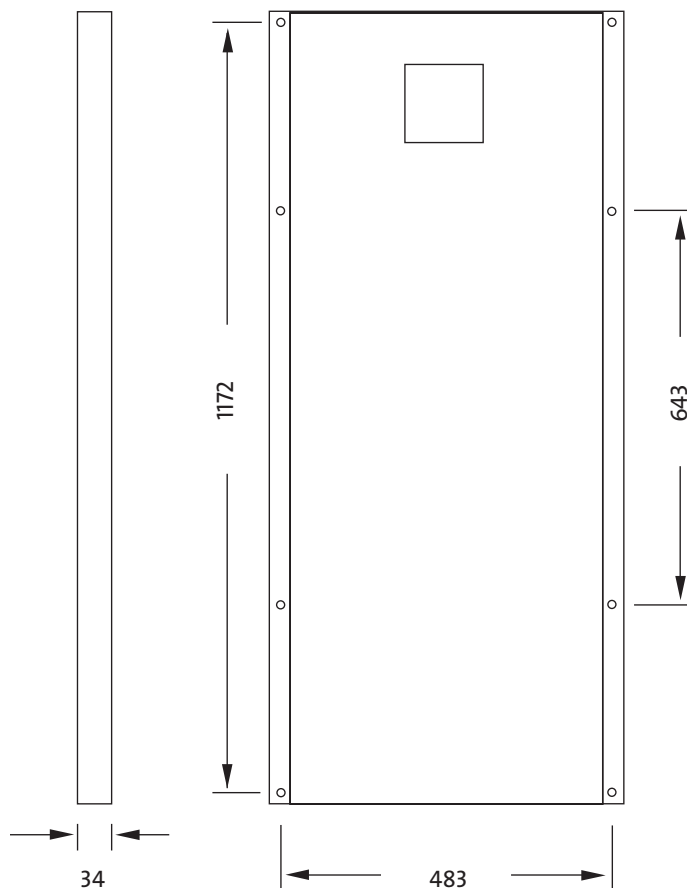
#### Rated power and maximum tolerance

Rated power	75/80/85 Wp +/- 5 %
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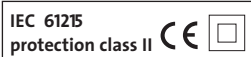
front view



rear view



Modules certified according to:



SolarWorld AG reserves the right to make specification changes.