

Sunmodule®

SW 40 poly/RC094



The Sunmodule[®] SW 40 poly/RC094 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: | 635 mm |
| Width: | 550 mm |
| Height: | 38 mm |
| Frame: | Aluminium |
| Weight: | 4.4 kg |

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Performance under standard test conditions (STC)

| | |
|------------------------------------|--------|
| Peak power (Pmax) | 40 Wp |
| Maximum power point voltage (Vmpp) | 16.8 V |
| Maximum power point current (Impp) | 2.38 A |
| Open circuit voltage (Voc) | 21.3 V |
| Short circuit current (Isc) | 2.40 A |

Performance at 800 W/m², NOCT, AM 1.5

| | |
|------------------------------------|--------|
| Peak power (Pmax) | 30 Wp |
| Maximum power point voltage (Vmpp) | 15.6 V |
| Maximum power point current (Impp) | 1.92 A |
| Open circuit voltage (Voc) | 20.0 V |
| Short circuit current (Isc) | 2.00 A |

Minor reduction in efficiency under partial load conditions at 25°C: at 200 W/m²; 92 % (+/- 10 %) of the STC efficiency (1000 W/m²) is achieved.

Component materials

| | |
|------------------|-------------------------|
| Cells per module | 36 |
| Solar cells | polycrystalline silicon |
| Cell dimensions | 125 x 62.5 mm² |

Thermal characteristics

| | |
|--------|-----------|
| NOCT | 44°C |
| TK Isc | 0.03 %/K |
| TK Voc | -0.35 %/K |

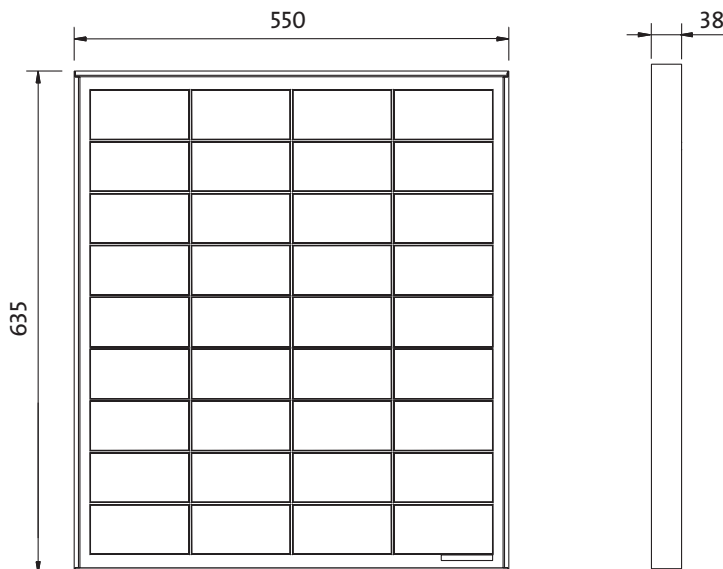
System design characteristics

| | |
|------------------------|-------|
| Maximum system voltage | 120 V |
|------------------------|-------|

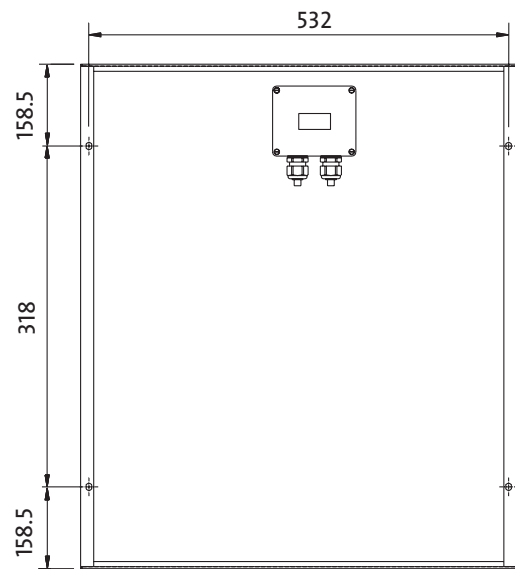
Rated power and maximum tolerance

| | |
|-------------|----------------|
| Rated power | 40 Wp +/- 10 % |
|-------------|----------------|

front view SW 40 poly/RC094



rear view SW 40 poly/RC094



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