SG-PV

SEYBOLD
PV-SYSTEME GmbH

Solar power for every tent.

840 Wp retrofit kit for SG tents

Solar power for all tents.



How it works



1 Throw over the cover

The tent is erected as usual. Pull the cover over the ridge using the straps.



2 Secure the cover

Secure the cover to the ground on both sides using the straps. The tent remains unchanged.



3 Slide in, plug in

Slide in the modules from the eaves and connect them to the battery storage unit.

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SG-PV

Solar power for every tent.

One cover for all standard SG tents.

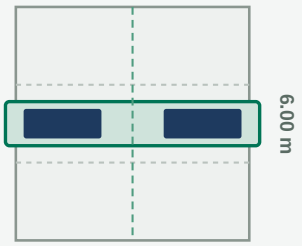
SG 30 / 300 · SG 40 / 400 · SG 50 / 500

These models share the same roof frame. One cover size fits all.

- **For existing tents** — Retrofit instead of buying a new tent.
- **Independent of tent material** — Also works on cotton-blend fabric.
- **Installation from the ground** — No ladder or roof access required.
- **For use from days to weeks** — Quiet, no exhaust and no refuelling.
- **Protects the tent fabric** — No abrasion, point loads or heat build-up.
- **Patent-protected** — Attachment system and retrofit cover.

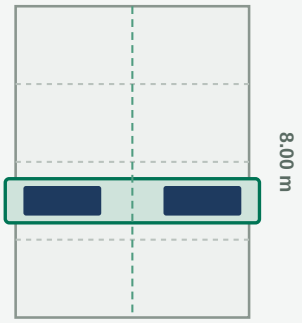
Recommended standard configuration

SG 30 · SG 300



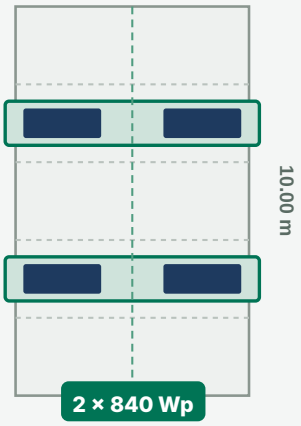
1 × 840 Wp

SG 40 · SG 400



1 × 840 Wp

SG 50 · SG 500



2 × 840 Wp

Power to suit your needs

1 cover · 840 Wp — **Example: tent operation**

LED lighting 2 × 20 W, 10 h	400 Wh
Charge handheld radios, 50 W, 4 h	200 Wh
Mobile phones and tablets	150 Wh
Coffee maker 800 W, 20 min	270 Wh
Daily demand	**≈ 1 kWh**

Generation March – October ≈ 2.5 kWh/day

2 covers · 1,680 Wp — **Example: command post**

LED lighting 4 × 20 W, 10 h	800 Wh
Radio and communications, 50 W, 8 h	400 Wh
Command post laptop 60 W, 8 h	480 Wh
Coffee maker 800 W, 25 min	330 Wh
Daily demand	**≈ 2 kWh**

Generation March – October **≈ 5 kWh/day**

Calculation per cover: 840 Wp × 900 Wh/Wp/a ≈ 750 kWh/year · ≈ 80 % in March–October · over 245 days ≈ 2.5 kWh/day · planned with a buffer

Stand-alone plug-and-play battery storage

2 kWh battery with 2 kW output (230 V)
12 V · USB-C (2×100 W) · 29 kg

FITS **SG 30 / 300** **SG 40 / 400**

4 kWh battery with 4 kW output (230 V)
12 V · USB-C (2×100 W) · 52 kg

FITS **SG 50 / 500**

Everything from one source

Ready-to-use complete kit: Retrofit cover with integrated fastening and cable routing · 2 glass-free lightweight modules, 420 Wp class, ≈ 9kg each, with carrying bags · mounting accessories · extension cable · battery storage · setup instructions

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Dimensions per manufacturer · Subject to change