

## Solar Energy South Africa

# Homemade Solar Power Forum



## Overview

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Is it beneficial to use solar power forums?

Solar power forums are a good place to go to get insight despite their casual and informal nature.

What can I do with solar power?

Power your tiny abode with solar power! Cabin, Shed, Shipping Containers and more! Cooking tools, heating and cooling, dealing with winter sunshine and more! Energy Audits, Roof Planning, NEC, Local Ordinances, TOU Plans and more! Need to move water with some sunshine?

Talk about it here! Does an Electric and Gas Hybrid water heater exist?

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How to avoid getting scammed when buying solar panels?

How to not get completely scammed when purchasing solar panels. MPPT/PWM/Converters without batteries and anything else you find! Discuss it here :) Newbie seeking fuse size recommendation. A battery/inverter/charge controller setup for mobile or stationary application. They are usually ready built or "plug-n-play".

How to protect solar panels from overheating & freezing?

To protect against this, some users drain the water at night, others use alcohol or glycol and a heat exchanger. The result is a heating system with greater complexity. It requires regular maintenance to ensure the overheating and freeze protection are working, and a failure would destroy the costly solar panels.

How many gallons of water can a solar panel heat?

A general rule regarding solar heating is that 1 square foot of sunlight can

heat 1.5 gallons of water per day. I assumed I would get closer to 1 gallon per square foot. • Second, I have lots of low efficiency panels, rather than a few highly efficient ones.

Where do you install solar panels?

Or FCU. The solar is in the garden on a pergola roof and the consumer unit is all the way at the front of the house. Later on will need to run SWA but it's quite extensive work I'll leave for later.

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## Contact Us

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