Which solar system fits you

A clear guide to grid tied, hybrid, and off grid setups.

Three clear paths to solar power.

Grid tied

Hybrid

Off grid

Grid tied systems.

Solar panels and an inverter, with no battery.

Sends any extra power out to the grid.

This fits a business that uses most of its power during the day, when the sun is out.

For safety, a grid tied system must stop feeding power into the grid the moment it loses its grid connection. This protects people working on the power lines.

Hybrid systems.

Solar panels, an inverter, and a battery.

Stores extra solar power to use later.

This fits a home or business that uses a lot of power in the evening. That is after the sun has gone down.

> **The battery can also be charged from the grid at cheaper times, and used when power costs more.**

Off grid systems.

Solar panels, an inverter, and a battery,
with no grid connection at all.

This fits farms and remote sites, far from the grid.

The grid itself is not free. Even a grid tied or hybrid system still pays for the grid power it uses.

Find the right fit for you.

	Grid tied	Hybrid	Off grid
Core Hardware	Panels and inverter	Panels, inverter, battery	Panels, inverter, battery
Grid Connection	Yes	Yes	No
Evening Power	Uses grid power	Uses stored battery power	Uses stored battery power
Best Fit	**Day heavy business**	**Homes or businesses with evening use**	**Farms and remote sites**

Premium hardware choices.

Both brands suit homes and businesses.

FoxESS uses a separate inverter and battery.

Sigenergy uses one stacked unit. The controller and battery modules are housed together.

Inverter and battery come with a 10-year swap-out warranty.

Sizing your system.

ZenSolar designs systems in house, sized to fit you.

Homes

6 to 16 kW.

Businesses

30 to 300 kW and up.
Bigger sites are quoted.

Every job gets a structural engineer’s sign-off.
Systems are installed by our team and preferred, vetted installers approved by the brands.

Getting connected.

A grid tied or hybrid system that connects to the grid must be registered. We handle the process.

Certificate of Compliance (CoC) handled for you.

SSEG application managed for you.

Municipal SSEG fees and meter costs are included in ZenSolar’s quotes.

Book your free energy assessment

zensolar.co.za