

# OFF GRID SOLAR POWER



SolarWise Wagga provides stand-alone power system solutions for anyone who chooses not to or is unable to connect the electricity grid.

Our off-grid solar power systems range in size from small portable systems, right through to large-scale commercial applications.

- PORTABLE CAMPING & FISHING KITS
- GPS & TELEMETRY STATIONS
- PUMPS & IRRIGATION SYSTEMS
- MOBILE HOMES & CARAVANS
- DIY 'PLUG & PLAY' SYSTEM KITS
- HOLIDAY CABINS & WEEKENDERS
- OFF GRID RESIDENTIAL – RURAL & URBAN
- LARGE-SCALE | COMMERCIAL APPLICATIONS





SolarWise Wagga can custom design an off-grid system tailored to suit your energy requirements and location.

Almost anything is possible; through the use of intelligent inverters you can control and manage every aspect of your energy needs. By incorporating solar, wind, hydro, or a fuel generator with batteries, you can be sure you will never be without power.

# SELECTRONIC



- AVOID HIGH GRID CONNECTION COST
- SAVE ON ENERGY PRICES
- SAVE ON DIESEL GENERATOR FUEL COSTS
- LIVE FREE AND INDEPENDENT FROM THE GRID
- FLEXIBLE DESIGN
- ADD SOLAR, WIND, HYDRO
- SAVE WITH SMALL-SCALE TECHNOLOGY CERTIFICATE (STC) SUBSIDY
- UP TO 10 YEARS WARRANTY
- RELIABLE TRUSTED PRODUCTS WITH FIRST CLASS AFTER SALES SUPPORT FOR PEACE OF MIND.



# Custom Designed Off-Grid Energy Power Systems

## Rural or Urban Residential | Large-scale Commercial

Each off-grid energy system is unique and therefore requires a design that is tailored to a specific situation.

There are many factors that need to be considered when designing a system, and when selecting the integrated components that make up the system.

Our experienced designers will work with you to develop a system designed to suit your geographic location, energy requirements, and available budget.

- Often the only option where mains electricity is not available.
- Can be cheaper than connecting to the grid in remote areas.
- Negates the need to purchase electricity from a retail supplier.
- Eligible for Small-Scale Technology Certificates (Renewable energy subsidy)



## Designing an Off-Grid Energy System

To begin designing an Off-Grid Energy System, first, we need to gather some information about the appliances and electrical loads that the system will be required to deliver power to.

We will also need some information about the geographic location and details of the roof or ground mount area where the system will be installed.

If the system will be supplying power to a future new home or building that is still in the planning stage, we can help with information and advice on maximising energy efficiency, cooking appliance options, and water heating solutions.

You can help get the ball rolling by filling out our *Off Grid Power – Load Assessment & Information Sheets*.

## Medium Remote Power Kits

Custom Built - Plug and Play Off-Grid Systems

SolarWise Wagga has partnered with Living Power to design and manufacture 'plug and play' stand-alone power systems.

These units can be shipped to any location and simply be plugged together, following simple instructions.

- All units are fully load tested before delivery to site.
- No specialised Solar PV knowledge is required.
- Equipped with a standard electrical panel that any qualified electrician can connect to.
- Simply plug in the solar panels, connect the batteries and the system delivers 240V AC power.

Many of these systems have been deployed to farm sheds, farmhouses, and weekend getaway homes.



## Small Stand-alone Power System (SAPS) kits

SolarWise Wagga offers small, economical Stand Alone Power Systems (SAPS) kits.

Our SAPS and Portable kits are built with high-quality components and are available in a range of sizes to suit a wide variety of applications.

A perfect solution for:

- Caravans, Motorhomes, and Trailers.
- Alternative power supply during grid outages.
- GPS, Communications, Telemetry stations.
- Pumps and irrigation.
- Camping, Fishing, Boating.
- Remote lighting.

With these ready-made solutions, we help make stand-alone solar power simple.

