

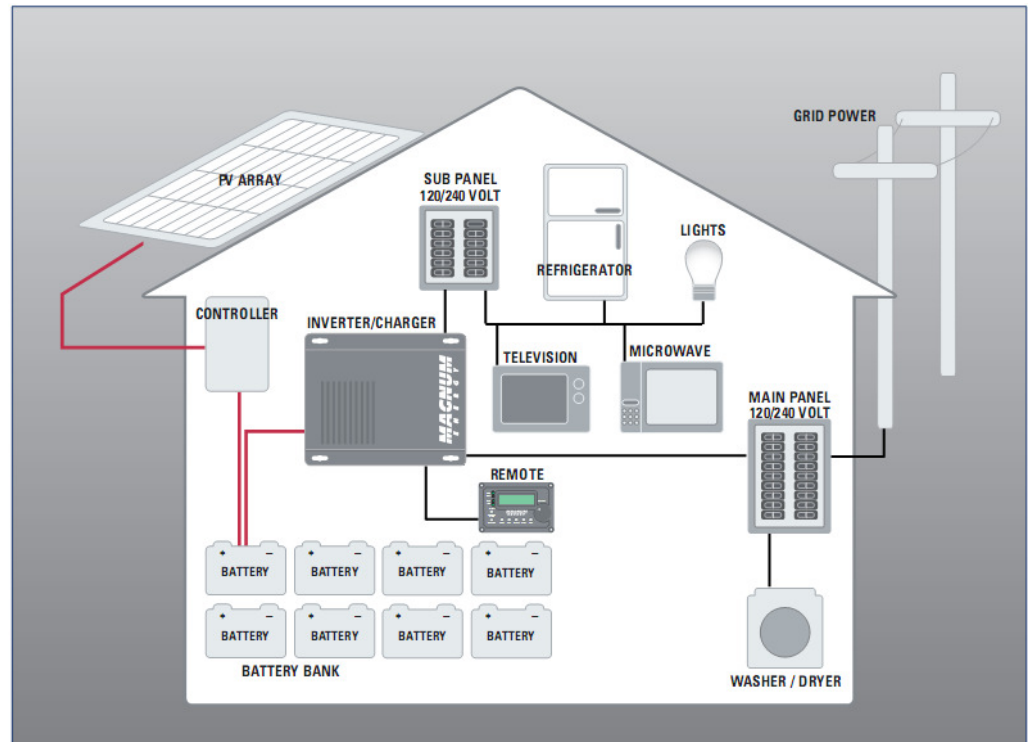


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Battery Backup with Solar Option

A **battery backup** system keeps your critical appliances running without interruption during power outages and, if desired, can be used to regulate your use of grid-supplied electricity by charging batteries at night when rates are lowest, and using that power during the expensive peak hours.

Our basic battery backup system includes four 6V batteries to create a 24V system. This system can be doubled to 48V for those with higher energy demands.



Pricing fluctuates, and depends in part on site-specific factors, but a basic four-battery backup system is generally about \$8500, while an eight-battery system is about \$11,000. Either system includes:

- Rolls Surrrette 6V deep-cycle batteries
- Magnum Energy E-Panel
- Magnum Energy sine wave inverter/charger
- Digital LCD Remote panel
- Wiring, switches, breaker boxes, etc.
- Installation and one year of consulting, follow-up and maintenance support

The battery backup system can be paired with a **solar option**, charging the batteries with solar panels in order to reduce or eliminate the need to rely on grid-supplied power. The cost of adding solar depends on how many panels you add, which in turn will determine how much power you will generate.

We offer two types of PV solar panels: the standard rectangular kind you probably picture when you think of solar panels, and a newer laminate style that adheres directly to certain types of roofing. The standard panels are available in 170W and 190W sizes, while the laminates come in 68W and 136W.

Please speak to one of our representatives for help in calculating system size and number of solar panels.