

Solar Backup Systems

System Features

- The system automatically switches over to battery in power failure to keep powering all or selected household circuits.
- Panels can power the system during power failure. Indefinite time period depending on battery size and panel size.
- The system can be program system to run off batteries at peak tariff periods or whenever needed.
- System will run till pre-determined battery discharge. Eg till 60% state of charge each night.
- Recharge the batteries from sun or grid (at off peak rates).
- Limit exports or export to grid. This can be useful when existing cable infrastructure will not support a large system exporting to the grid.
- 63 amp (15KW) throughput).
- Different inverter sizes (24 and 48 volts, 3,5,6.7KW)
- 7 Year warranty on inverters.
- Remote monitoring with PC via Bluetooth or CatV Cable.

Solar Backup Block Diagram

