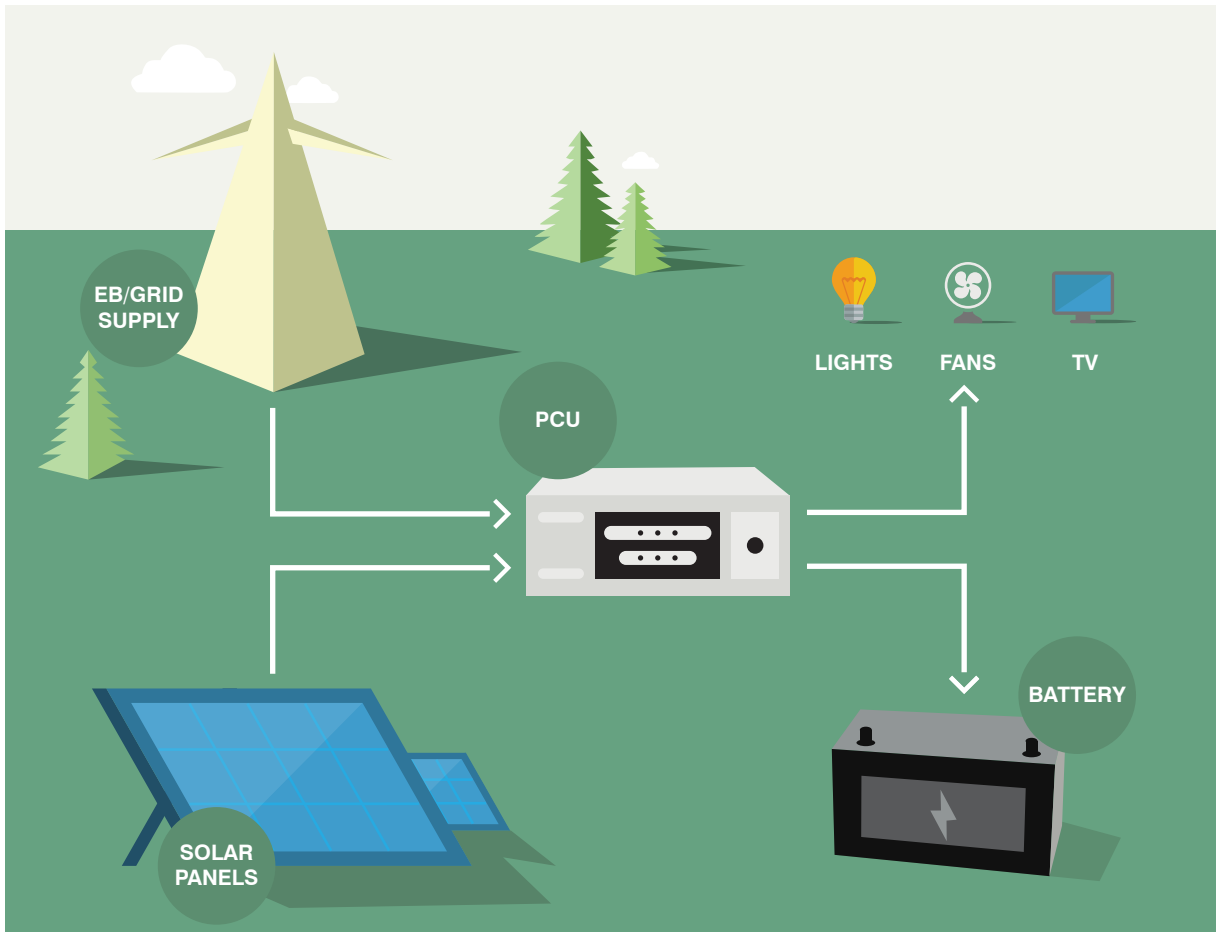




Solar Power Backup System

The systems offered provide support for operating critical loads(AC 230V) like fans, lights, TV and mobile phones, in case of utility grid failures.





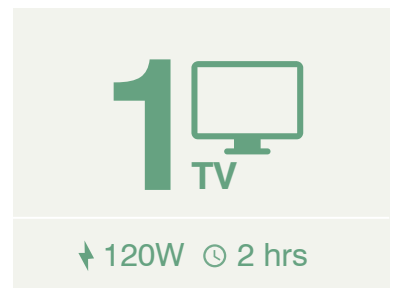
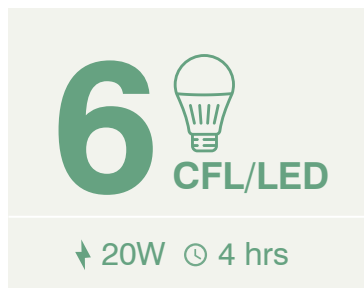
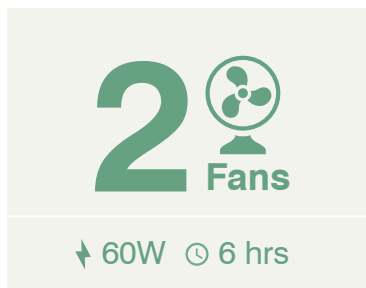
System Operating Priority

Charging: The solar powered backup system will charge the battery from sunlight during bright sunny days. In case of low sunshine or rainy days, the battery will be charged by the electricity available from the grid. Please note, the priority to charge the battery will be given to Solar energy.

Backup

The system will provide backup only during grid electricity failures

Supplied Loads In Hrs



Supplied Equipment Details

- 1) Solar modules multicrystalline - 300Wp - IEC certified, Tier-1 module
- 2) Low maintenance tubular Lead acid batteries -12V - 150Ah - As per IEC
- 3) Solar/PCU with MPPT charge controller- 12VDC-230VAC-800VA pure sine wave as per IEC
- 4) Plastic rack for battery and PCU
- 5) Related interconnecting wires between Solar-PCU- Battery