

Solar small power generation system



Off grid solar power generation systems

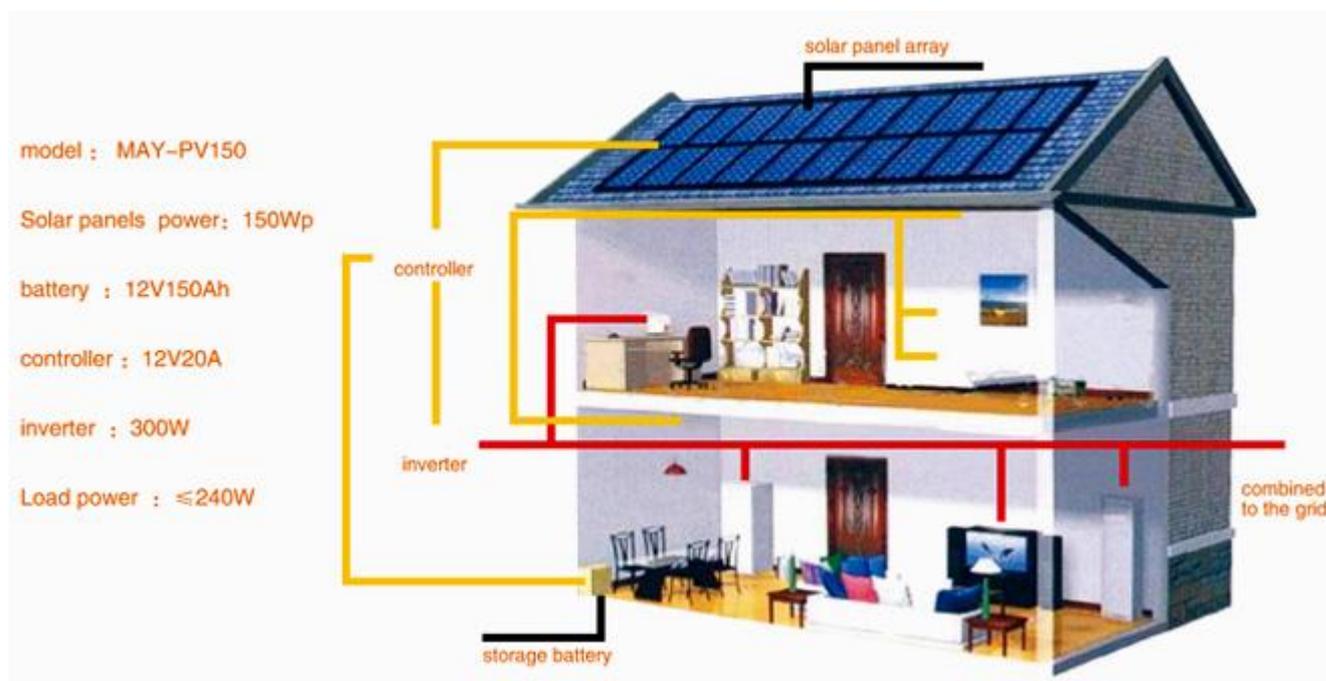
Off grid system is also called independent power generation system, which is not Connected to the grid, During cloudy and raining day, the power energy need to be stored by the batteries.

Off grid module: consist of solar cell modules (photovoltaic array), a controller, and an inverter (AC load), battery, the component bracket, connecting cables, cabinet etc.



Small photovoltaic power generation system

Independent solar power station represents a new generation of safe and reliable green energy. It's characterized by high power, small land occupation, small size, compact structure, attractive appearance, highly optional, safe and reliable operation, convenient maintenance, small workload of site installation, short installation and debug period, as well as being movable, high conversion efficiency, diversified charging method and etc. It's an excellent solar AC/DC power supply system which is applicable to residence community, large construction site, high-rise building, industrial & mining enterprises, temporary facility and other places.



Small off-grid solar system description:

1. Using single-chip microcomputer and special programs achieve intelligent automatic control;
 2. Real-time monitoring battery voltage, current, charging and discharging rate and environment temperature, across the charge control parameters put dynamic compensation adjustment to realize the system operation, dynamic optimization control, enables the system with high stability and reliability, environmental adaptability;
 3. Overcharge, discharge, electronic circuit overload protection, full automatic control;
 4. Charging control the ascension, fill continuously, floating filling automatically switch way, and guarantee the battery service life;
 5. Inverter part adopts high impact load design to ensure the TV set big impact load of the normal starting and driving ability;
 6. Working status indicator
 7. Power supply service life is long, solar panels can be up to 25 years of life
- According to the requirements of various customers can power the solar power system

Scope of application



No electricity Mountain village



Field operations



Border forces