

50 ESSENTIAL ITEMS FOR OFF GRID LIVING

PHASE ONE: POWER AND ENERGY

- 1. Solar generator or portable power station; provides immediate electricity while your main system is being built.**
- 2. Solar panels; the primary renewable energy source that powers your entire off grid setup.**
- 3. Deep cycle LiFePO4 batteries; store energy reliably, last for years, and are the safest battery chemistry available.**
- 4. Pure sine wave inverter; converts DC battery power into AC power for regular household appliances.**
- 5. MPPT charge controller; regulates the energy coming from your solar panels to prevent damage to your batteries.**
- 6. Dual fuel generator; ensures consistent backup power during cloudy weeks or high demand usage.**
- 7. Gasoline stored in stabilized jerry cans; keeps your generator running even during emergencies.**
- 8. Propane stored in 20 pound or 100 pound tanks; powers heaters, stoves, and backup systems without degrading.**
- 9. Heavy duty outdoor extension cords; allow flexible placement of solar panels, power tools, and temporary shelters.**
- 10. Rechargeable AA and AAA batteries with charger; support radios, flashlights, sensors, and smaller electronics.**
- 11. Headlamps; provide hands free lighting for building, repairs, and nighttime tasks.**
- 12. Lanterns; supply area lighting for cooking, walking paths, and shelter interiors.**

PHASE TWO: WATER AND WASTE

- 13. IBC tote or food grade barrels; store large amounts of water safely for drinking and daily use.**
- 14. Twelve volt water pump; moves water from storage tanks into your sink or shower.**
- 15. Gravity powered water filtration system; cleans drinking water without requiring electricity.**
- 16. Rainwater collection kit; expands your water supply through gutters, screens, and first flush diverters.**
- 17. Composting toilet bucket system; provides sanitation without plumbing or septic.**
- 18. Five gallon bucket seat and lid; creates a stable and comfortable toilet setup.**

19. Cover materials such as peat moss, coco coir, or sawdust; control odor and support the composting process.
20. Biodegradable soap; protects your greywater system and reduces environmental impact.
21. Solar shower bag; supplies warm water for bathing using only sunlight.
22. PEX piping; lightweight plumbing lines that are easy to install and resistant to freezing.
23. SharkBite fittings; allow quick plumbing repairs with no specialized tools.
24. Unscented bleach; disinfects water and maintains sanitation in emergency situations.

PHASE THREE: SHELTER AND WARMTH

25. Canvas tent yurt or camper; provides immediate weatherproof shelter while you build permanent structures.
26. Wood stove; delivers reliable heat and can also be used for cooking and drying clothing.
27. Chainsaw; essential for cutting firewood and managing trees around your homestead.
28. Splitting axe; used to split smaller logs and handle routine firewood tasks.
29. Splitting maul; handles heavy duty wood splitting and large diameter logs.
30. Indoor safe propane heater; provides backup heat when wood is not available or during emergencies.
31. Zero degree sleeping bag; protects you during extreme cold or system failures.
32. Wool blankets; retain heat even when damp and serve as dependable insulation.
33. Heavy duty tarps; cover equipment, protect firewood, and reinforce temporary shelters.
34. Carbon monoxide detector; essential protection when using wood or propane heat in enclosed areas.
35. Fire extinguishers; positioned in the kitchen and sleeping areas to mitigate fire risks.

PHASE FOUR: FOOD AND KITCHEN

36. Propane camp stove; offers reliable cooking capability regardless of weather conditions.
37. Cast iron skillet; durable cookware that performs on stoves, wood fires, and hot coals.
38. Twelve volt fridge or freezer; runs efficiently on solar and keeps food safe without grid power.
39. Rotomolded cooler; provides temporary cold storage and extends food preservation.

40. Dry bulk food stored in Mylar bags; creates a long lasting emergency supply that resists pests and moisture.

41. Canned goods; offer ready to eat meals during busy build days or difficult weather.

42. Manual can openers; ensure you can access canned food without relying on electricity.

43. Heirloom seeds; support long term food production through gardening and seed saving.

44. French press or percolator; maintains morale by making coffee without electricity.

45. Rodent proof containers; prevent wildlife and pests from contaminating food stores.

PHASE FIVE: TOOLS COMMUNICATION AND MISCELLANEOUS

46. Cordless drill and impact driver; the most frequently used tools for construction and repairs.

47. Socket and wrench set; required for maintaining generators, vehicles, and mechanical equipment.

48. Zip ties and duct tape; provide quick solutions for temporary repairs across multiple systems.

49. Complete trauma kit; equips you for medical emergencies when help is far away.

50. NOAA weather radio; supplies accurate storm alerts and critical communication when other systems fail.