

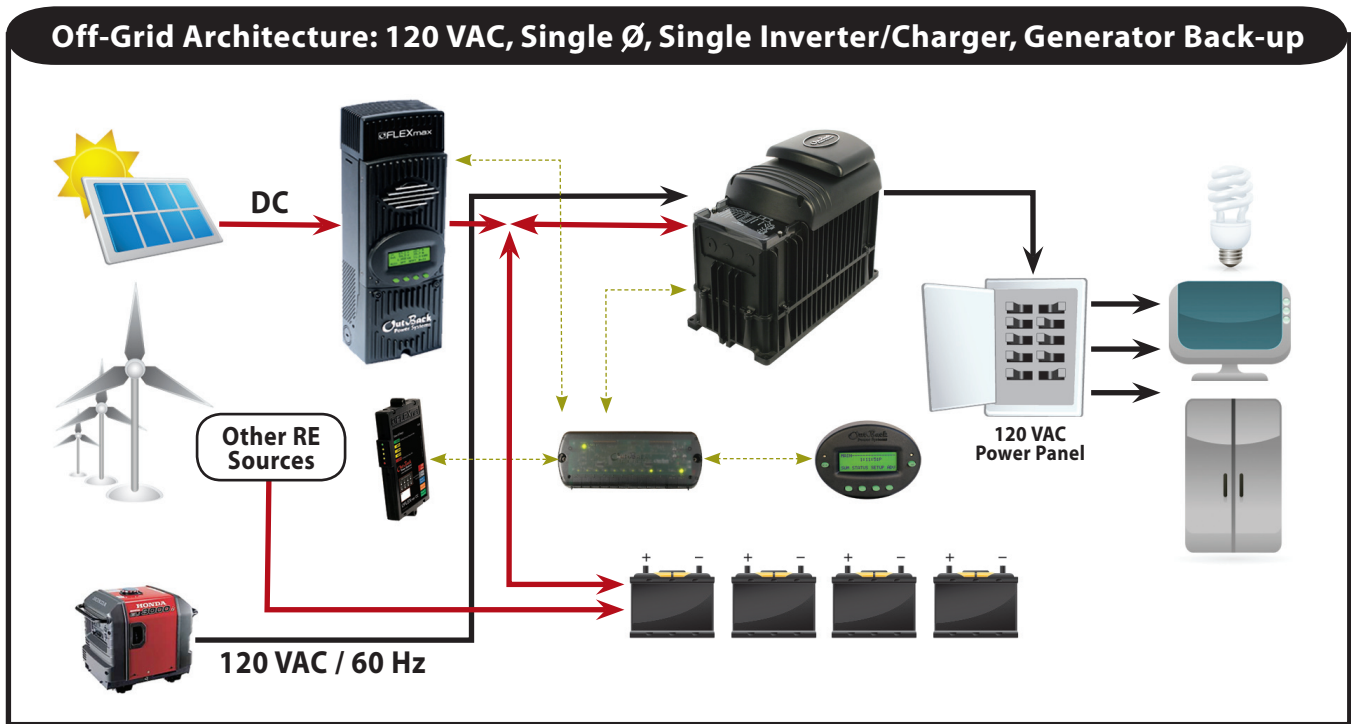


## OFF-GRID POWER SOLUTIONS

The OutBack Power Systems™ modular power electronics architecture allows customers to size a system to meet their specific off-grid needs. For 48 V battery systems, a single charge controller can manage an array of up to 4 kW DC, and a single inverter can supply up to 3.6 kVA continuously. The inverter provides utility-grade 120 VAC / 60 Hz true sine wave power that will efficiently operate typical 120 VAC loads. The inverter's "search" mode reduces stand-by energy consumption during no-load conditions. A generator can be connected to the inverter's AC Input to provide a back-up energy source.

- MPPT Charge Controller
- True Sine Wave Inverter/Chargers
- Rugged Design
- Up To 93% Efficient
- Modular
- Stackable

OutBack manufactures inverter/chargers for applications in every country around the world.



Additional OutBack Power Systems modular inverters can be "stacked" in parallel to a single 120 VAC system to meet customer's requirements for additional power. When load demands are low, "slave" inverters "sleep" in a very low power mode to reduce stand-by energy consumption. When load demands are high, the "slave" inverters "wake up" to meet power demand.

OutBack Power Systems modular inverters can be “OutBack Stacked” in Series / Parallel to establish the core of a 120/240 VAC / 60 Hz two-phase power system. A balancing transformer on the AC output allows a single inverter to meet power demand on one or both phases for low load conditions, and the “slave” inverter sleeps in a low power stand-by mode. When load demands are high, the “slave” inverter “wakes up” to meet power demand and the transformer balances the loads across the two inverters.

