

Weekend Cottager system - \$6895

Energy Alternatives weekend cottager system is a 1500 watt / 24 volt performance system that is designed to be used on a part time or intermittent basis. This system includes a high-quality Xantrex DR1524 inverter, giving 1500 watts of continuous / 4000 watts intermittent power. This inverter has enough power to operate one large appliance (such as microwave, toaster, vacuum, table saw, etc) at a time and has clean and reliable power to run sensitive electronics including computers, entertainment systems, etc.

Unlike many other packaged system on the market, this system has been engineered specifically for the needs of weekend users. This system has a comparatively larger battery bank and smaller solar panel. The reason for this is you will use lots of power when you are up for a few days with family and friends. The system then has most of the following week to charge up again, so that next week when you return the batteries are fully charged and ready to go.

This kit is pre-assembled to facilitate easy self-installation. If you wish professional installation, we can arrange for our local installer to take care of that. Self-installation can usually be completed in 1-2 days, depending on location of items.

This packaged system contains the following components:

- Xantrex DR1524 inverter on power panel
- DC Disconnect enclosure
- C40 charge controller
- All cables for connection of inverter and batteries
- 8 golf cart batteries in custom enclosure. 490 amp/hours @ 24v, 12.5 kW/h capacity.
- TriMetric system meter, a system "fuel gauge"
- Single Sharp 185 watt, high efficiency, high output solar panel, 24 volts.
- Adjustable roof / ground / wall mount for two panels.
- System is pre-assembled for easy installation
- CSA Approved components for inspections
- All wire, hardware and instructions for a successful and fun installation.



Options and Upgrades

Energy Alternatives' packaged systems are built to order and can easily be customized to your requirements. The list below shows typically requested options that can be added to the system with approximate pricing, pre-tax. Please contact us for exact pricing, taxes, shipping, etc. Many other options and upgrades are possible, please contact us for your specific requirements.

1. Upgrade to DR2424 Inverter	\$610
2. Upgrade to DR3624 inverter	\$950
3. Upgrade to Global-Yuasa 2v batteries 665 a/h @ 24v, 18 kW/h	\$1,852
4. Upgrade to Global-Yuasa 2v batteries 1200 a/h @ 24v, 31.2 kW/h	\$3,898
5. Upgrade to Global-Yuasa 2v batteries 1800 a/h @ 24v, 45.6 kW/h	\$5,710
6. Add 240 VAC autotransformer	\$550
7. Add additional Sharp 185 watt solar panel, each	\$1349
8. Upgrade to four panel mounting bracket	\$261

Batteries. Standard golf cart type batteries have a 5-year life expectancy under normal use. Global-Yuasa cells have a 15-20 year life expectancy. These are very heavy-duty industrial batteries with a superior design and construction. They cost more initially, but will outlast 4 sets of golf cart cells. Combine with the hassles of transportation to a remote location, the global cells become more and more attractive.

Autotransformer: Use as a generator balancing transformer to get better power from most smaller generators or as a step-up transformer to power 240 VAC appliances such as deep well pumps and shop tools.