

## SOME ALTERNATIVE AND RENEWABLE ENERGY RESOURCES

Solar Panel Charge Controllers and 12 VDC Power System parts.

[www.xantrex.com/](http://www.xantrex.com/)  
[www.outbackpower.com/](http://www.outbackpower.com/)  
[www.midnitesolar.com/](http://www.midnitesolar.com/)  
[www.morningstarcorp.com/](http://www.morningstarcorp.com/)  
[www.buddipole.com/](http://www.buddipole.com/)  
[www.theheathkitshop.com/](http://www.theheathkitshop.com/)  
[www.dxengineering.com/parts/hsc-ezmetarii](http://www.dxengineering.com/parts/hsc-ezmetarii)  
[www.hobbyking.com/turnigy/](http://www.hobbyking.com/turnigy/)  
[www.dcpwr.com/](http://www.dcpwr.com/)  
[www.westmountainradio.com/](http://www.westmountainradio.com/)  
[www.powerwerx.com/](http://www.powerwerx.com/)  
[www.qsrradio.com/](http://www.qsrradio.com/)

13.8 VDC Voltage Boosters

[www.mfjenterprises.com/](http://www.mfjenterprises.com/)  
[www.tgelectronics.org/](http://www.tgelectronics.org/)

Solar Panels

The company who made my solar panels back in the 1990s no longer exists. You can also do an Internet search for solar panels. There are many available. The company from whom I bought my last very thin flexible silicon solar panels for the roof of my motor home came from:

[www.recyledgoods.com/](http://www.recyledgoods.com/)

This company sells manufacturer overstock and surplus equipment. Their inventory can change rapidly. Check their web site for current inventory.

Wind Generators

[www.primuswindpower.com/](http://www.primuswindpower.com/)

There are many other small wind generator makers. You can do an Internet search for many others, some of which are less expensive than what I bought which have the same power rating. Because I have not used them, I have no information on their performance or reliability.

Fuel Cells

The major makers at this time seem to be Hitachi and Panasonic, but, as others have observed, this is a "developing field." It is practical to do it, but the price can also be high. It would seem that a 350 to 400 Watt size would be about

right for a 100 Watt HF radio transceiver. There are efforts being made for small fuel cell systems for use in the building construction industry. This could become a practical concept with the scale of production yielding lower prices. But there is still the point that it is a fossil fuel powered system.

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