

## AFA1HS Back Up Power

This system consists of four items:  
The Battery; jell-cell, marine deep cycle:



The MFJ RS-232



23 Amp, 12 VDC  
Station DC supply

And:

The West Mountain Power Gate which monitors the system, switching from DC input to battery in no loss, “real-time.” It provides a trickle charge to the battery.

Attached to the Power Gate is a 12VDC distribution box which has eight RCA sockets and two sets of standard power supply combo screw-down/bananna plug terminals.

These are all wired in parallel with #12 solid conductor wire.



In the photo the power source for the IC-7000 is plugged into the RS-232, however when needed it can be plugged into the power distribution box; note the empty terminals.

This system will power the station for about 200 to 250 hours, if the IC-7000 is not used. It will run for about six hours with the 7000 running at 35 watts and conservative transmit time. The system has been used a number of times and has performed flawlessly.