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## DC Adapter for Vixen Motor Drive Systems

### #5613



The DC Adapter for Vixen Motor Drive Systems allows use of a 12-volt battery to power Vixen's SkySensor 2000 (Orion part #7805), SkySensor 2000-PC (#21174), Single-Axis Drive Controller (#4426), or Dual-Axis Drive Controller (#4427). The advantages of using a 12-volt battery rather than the included

battery pack, which requires eight size "D" batteries, are that the drive system will run for a longer duration, and the battery can usually be recharged.

The battery employed should have a nominal capacity of at least 5 amp-hours. It must also have a female cigarette lighter receptacle; if necessary, an Alligator-Clip Adapter (#5607) can be purchased to adapt battery terminals to the

proper female cigarette lighter configuration. Car batteries work well; simply plug the adapter into your car's cigarette lighter. (Note: If using your car's battery, make sure to start the car every few hours to recharge the battery. Otherwise, you may drain the battery!)

To use this adapter, the proper connector must first be attached to the end of the cord. Use the connector with the blue tip. Notice the connector has a plus ("+") and a minus ("-") sign near the two prongs. Also note the adapter cord has the word "tip" printed on its end. Line up the word "tip" on the cord with the "-" sign on the connector and insert the prongs into the cord. The adapter is now ready for use.

Insert the male cigarette lighter plug into the battery. Connect the other end of the adapter to the DC power input of the drive system. Turn the battery power on, if the battery has its own power switch. Now, turn on the drive system. The system should power up immediately. If it does not, turn everything off and try again, first making sure that all connections are secure. If the system still does not power up, then the battery probably needs recharging.

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