

+12V DC Powered VSAT Solution

For Fast-Response applications, an AnaCom transceiver can operate from an automobile battery!



Example: 25 Watt Ku-Band Transceiver with +12V DC option installed

Product Overview

We have added 12 Volt DC operation as an option to our AnaSat line of transceivers. With this option installed, the transceiver keeps its internal Universal AC Power Supply. A second rugged enclosure housing a DC regulator accepts **10 to 14 volts DC**, then conditions and regulates that input into a clean 13.8 volts DC source for regular transceiver operation.

The regulator, (rated for 100% duty-cycle use,) accepts its DC input through a heavy-duty pair of lugs suitable for use with a pair of battery cable jumpers! The regulated output is then provided through a permanently attached pair of cables that connect to the transceiver.

The Transceiver may operate off of AC mains using its internal Universal Supply by routing its own pair of DC cables back into the transceiver as shown in the picture on the left.

The Transceiver maintains all previously published specifications.

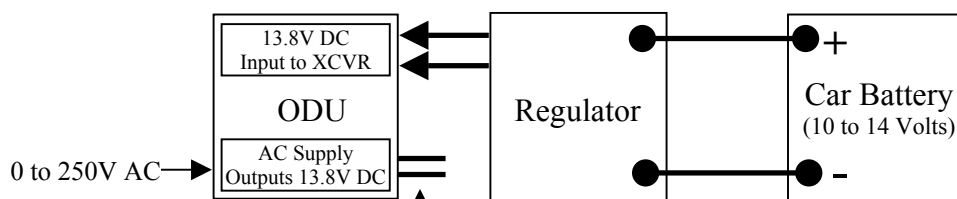
Example Configuration

The regulator is approximately 80% efficient and is designed to accept power from a typical +12VDC automobile charging system while the engine is running.

The 25 Watt Ku-band Transceiver shown above when operating in conjunction with the regulator, will draw approximately 30 amps from a +12V DC automobile charging system.



DC Regulator (10 to 14V DC input, 13.8V DC output)



↑ These DC output cables are left disconnected when using the DC Regulator.