

## ATL-6410IQ (DC VERSIONS) MODEM HARDWARE UPDATE DC POWER CONNECTOR

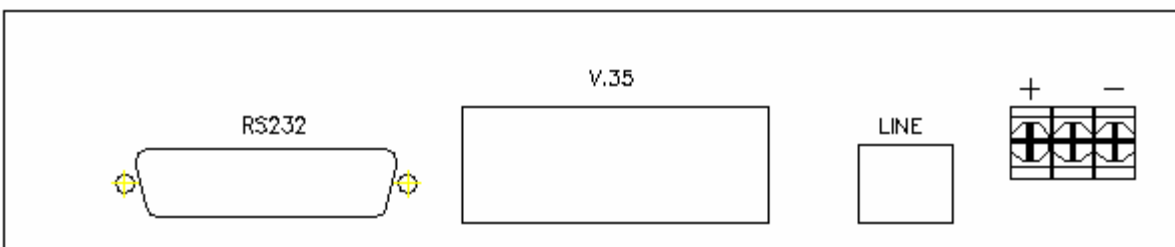
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### Overview

This document contains instructions for installing the Raymar-Telenetics ATL-6410IQ-\*DC (where \* represents either low voltage, LV, or high voltage, HV) modem equipped with DC input supply voltage. This information should be used for the ATL-6410IQ-\*DC version and replaces the power supply installation section in the corresponding user's guide (document ID 0049-2600-XX1).

### DC Power Connection

The DC power connector is located on the back panel of the modem. This connector accepts a DC voltage source from 18 – 72 VDC (low volt), or 100 – 375 VDC (high volt). Figure 1 shows this connector.



**Figure 1. DC Power Connector on the Back Panel of the CSU/DSU**

A DC power cord is supplied with each modem. When using this cable to connect to a DC power source, note that RED denotes positive and BLACK denotes negative.

To attach this cable to the DC power connector on the back panel of the ATL-6410IQ-\*DC:

- Connect the positive wire from the supplied cable to the positive terminal block (labeled +) on the DC power connector. Facing the back of the modem, this is the left terminal block.
- Connect the negative wire from the supplied cable to the negative terminal block (labeled -) on the DC power connector. Facing the back of the modem, this is the right terminal block.

## DC Power Supply Specifications

ATL DC POWER		
Nominal Input Voltage	Current at Nominal Voltage	Range of Input Voltage
LV = -48	0.11	18 – 72 VDC
HV = -130	0.05	100 – 375 VDC