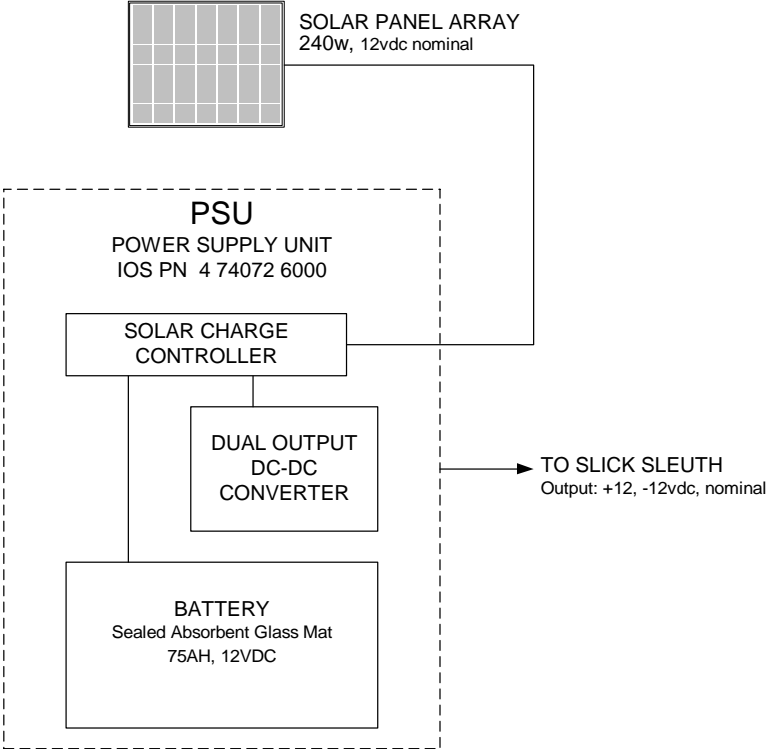




SOLAR DC POWER SOURCE



The Slick Sleuth Solar DC Power Source Option is specifically designed to provide power to the Slick Sleuth Detector and all other options (status indicators, wireless telemetry, etc.) In addition to feature options that draw power, the geographic location and the climate conditions for that location are also factored into the design and the solar panels sized accordingly.

The two primary components of the Slick Sleuth Solar DC Power Source are the Solar Panels Array, typically two panels per sensor station, and the Power Supply Unit (PSU).

During daylight hours the Solar Panel Array outputs 12 VDC to the Solar Charge Controller in the PSU. This 12 VDC is used to both provide power to the Slick Sleuth Detector and optional components, as well as to trickle charge the battery.

When installing the Slick Sleuth Solar DC Power Source it is important to correctly orient the Solar Panel Array as specified on the installation drawing. It is also necessary to assure that the Solar Panel Array are clear of any obstructions which might lessen the amount of sunlight getting to the panels.



Photograph provided by Austin Energy

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