

System Block Diagram and Overall Wiring Diagram

This section shows how the power converter reviewed here fits into the overall system. The power converter system supplies 24V to the buoy electronics (controller, GPS, radio, etc) and provides telemetry data over CAN bus. Also streaming data on the same CAN bus is a controller in the pneumatic spring that monitors piston position and gas pressures. Those electronics are variants of the controller and power supply boards developed for the power converter.

Documentation Included:

- System Block Diagram
- Overall Wiring Diagram