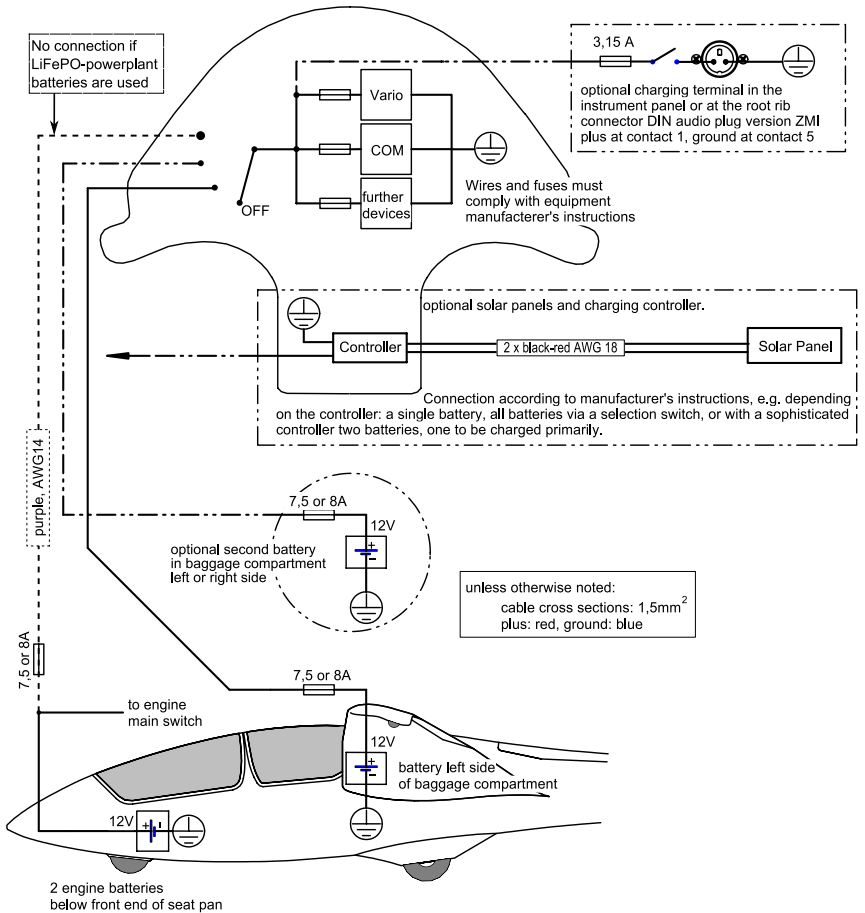


Fig. 7.9-1 Circuit Diagram



2.4 Radio Installation

There is space provided in the front instrument panel for fitting a radio. The fitting components and cable harness supplied by the radio manufacturer should be used.

When planning its location in the instrument panel, remember that the radio must be plainly visible and within easy reach.

However, priority must be given to the flight control instruments concerning clear visibility

The loudspeaker is fitted below the rear instrument panel cover, on the left side. The boom microphone is fitted on the right cockpit wall. The VHF antenna is located at the rear web in the fin.

2.5 Electrical System

Details of the electrical installation for the avionics are shown in the circuit diagram (Fig. 2.5-1). The electrical system for the power-plant is shown in Fig. 2.11-10 (at the end of Section 2 where the other illustrations relative to the power-plant are given).

Note: *Overload protection must be provided for each electrical equipment. No protective device may protect more than one circuit essential to flight safety.*

Types of Batteries

Batteries which are strongly degassing or which are not tilt resistant (e.g. acid batteries) are not permissible! In detail the following batteries can be used:

Battery Types Powerplant:

- a) Battery under the front seat:
 - LiFePO₄-system: "Powerplant battery 12V standard"
(P/N 99.000.1067)
 - Lead-gel-system: "Powerplant battery 12V standard Pb"
(P/N 99.000.1069)

In case of LiFePO₄-system (TN 3): see information in section 13!

Battery Types Soaring Avionics:

- a) Battery / batteries in the left baggage compartment:
- LiFePO₄-system: "Avionic battery type 4L"
(P/N 99.000.1058)
 - Lead-gel-system: "Avionic battery type 4P"
(P/N 99.000.1057)

Fig. 2.5-1 Circuit Diagram, Soaring Avionics

