

# DROP BEER Top Level Block Diagram

## Power

### Power Sourcing

- Shore power
- Batteries
- Battery charger
- Battery sensors
- Main power switch

## Panel

### Electrical panel

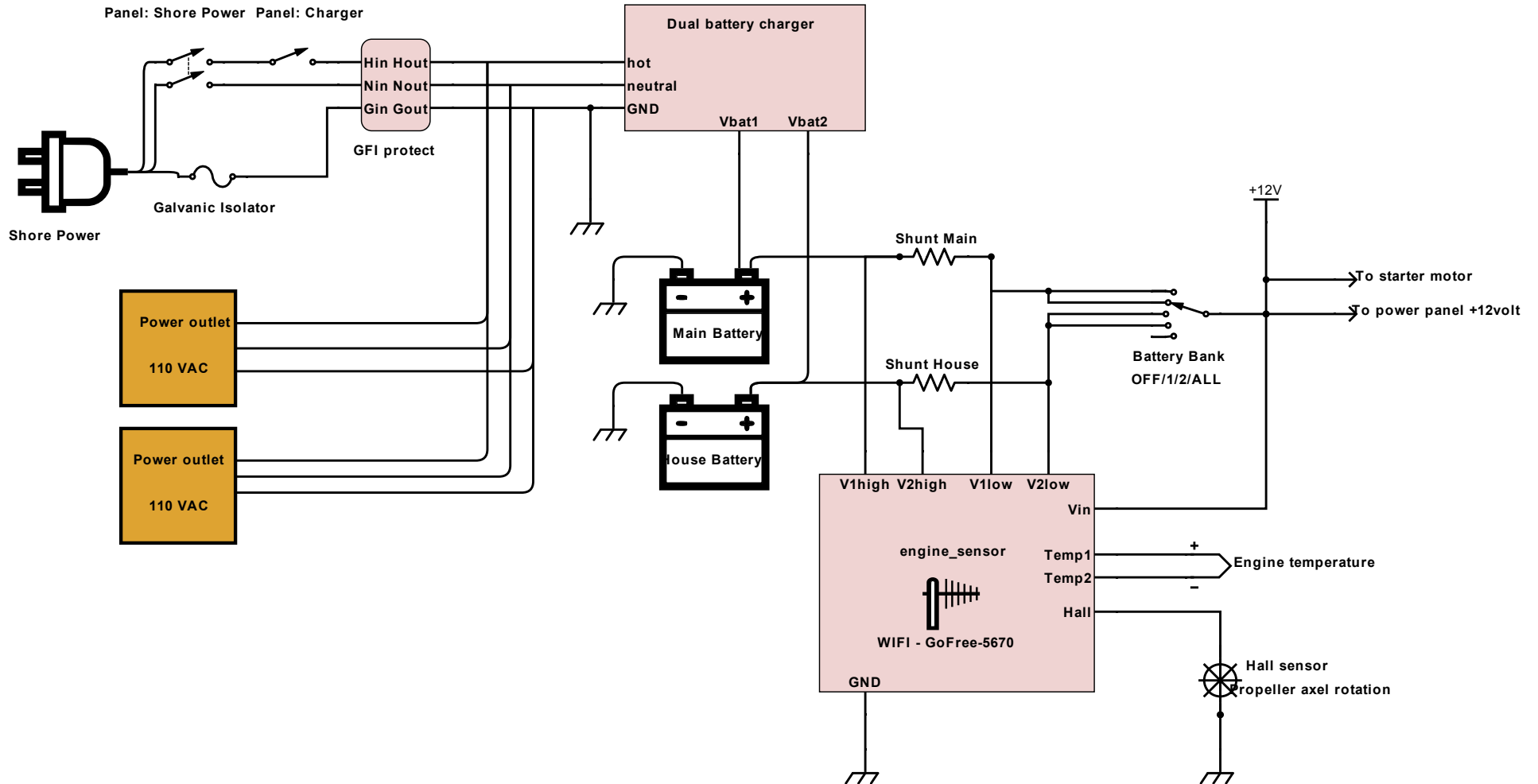
- 110 Volt AC switches
- 110 Volt/Amp meter
- 12 Volt DC switches
- 12 Volt/Amp meter

## Computer

### Sense/compute/control

- Computer power control
- Computer, keyboard, monitor
- WiFi to shore
- Interfaces: NMEA2000, VHF/GPS/AIS, autopilot, local Wifi
- Remote displays

## DROP BEER POWER SOURCING

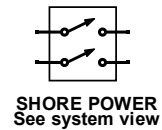
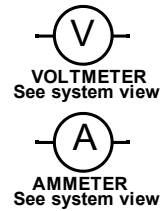


# DROP BEER ELECTRICAL PANEL

12V+ from main power switch

**110 VOLT AC**

60 HZ DISTRIBUTION



**12 VOLT DC**

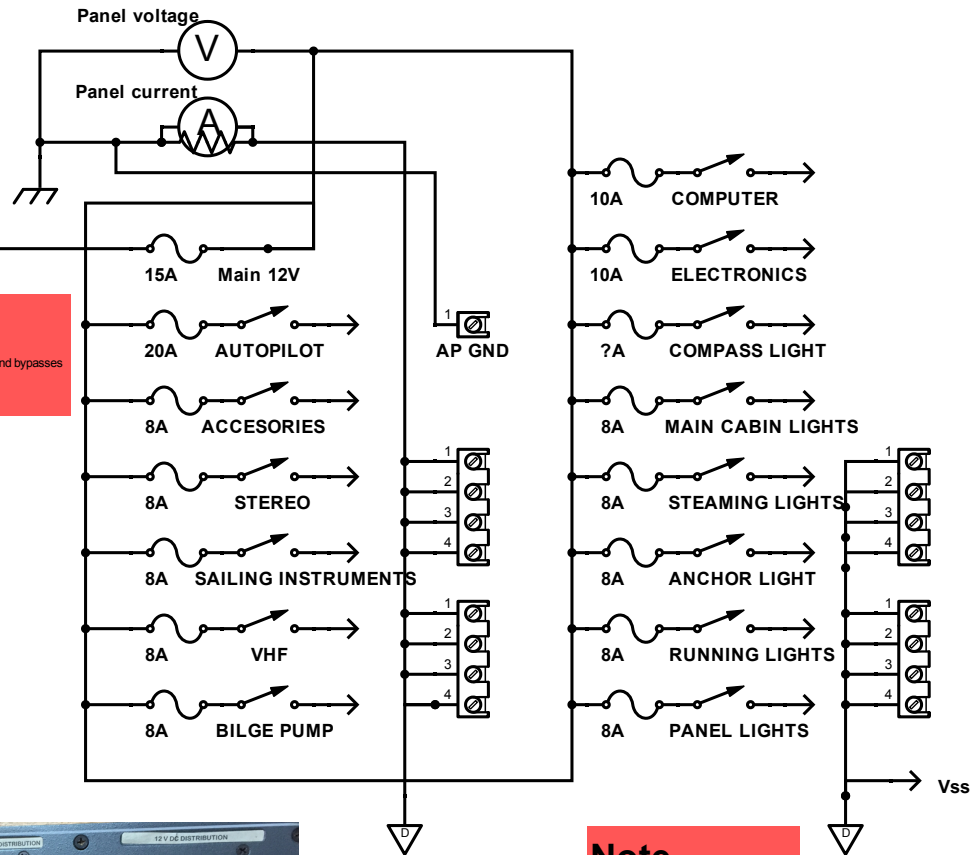
DISTRIBUTION

**12 VOLT DC**

DISTRIBUTION

## Note

AUTOPILOT ground bypasses current sensor



## Note

Boat/Battery ground is different from electronics ground



# DROP BEER BOARD COMPUTER

