

21.ELECTRICAL SYSTEMS

12V SYSTEM

The boat is equipped with 2x12 V AGM (gel) batteries totaly 185Ah. The batteries are charged via an alternator driven by the boat's engine. It can also be charged via a battery charger when the boat is connected to an external 230 V supply and 40a charger of solar panels with power 320w. All electrical consumers are connected via control panel. Each consumer is equipped with an automatic circuit breaker, a signal light and a switch to turn it ON/OFF. There are three main switches, one for the engine system, one for the anchor windlass and one for the other consumers. **The main switches are located in the aft port cabin.**



Main swith for Servis bateries

Starter batery

Anchor windlass



Boethruster bateries



On the electrical control panel you can check voltage of all kind of bateries. When pressed reserved switch (see below) and one of they indicate the operating voltage of the batteries, the fresh water level and the fuel level.



BATTERIES

DOMESTIC	ENGINE	BOW THRUST
100 %	100 %	100 %
13.52V	13.55V	13.56V



DC PANEL

ANCHOR LIGHT	WATER PUMP
NAVIGATION LIGHTS	SHOWER PUMP
RUNNING LIGHT	BILGE PUMP
TRICOLOUR LIGHT	MANUAL
DECK LIGHT	WASTE PUMP
INTERIOR LIGHTS	INSTRUMENTS AUTOPILOT
COCKPIT LIGHTS	ANCHOR WINCH
USB / 12V SOCKETS	BOW THRUSTER
FRIGO	FRIDGES

elane