

Round display - standard

The round display shows the battery capacity with a bar diagram (depends on the voltage of the battery shown as bars)

The total hours of usage and if some errors occurs, it also shows

USE OF THE FULL COLOR ON BOARD COMPUTER

1. Page: Main

The right hand side of the back-lit display shows the charge status of the main battery in %. The status is colored in three sections, full is green, down 50% (adjustable) is yellow, down 20% (adjustable) is red. In this section the controller cut off the power to a limited speed of the motor. Line under the display shows the charge or discharge current (A) and the battery voltage (V). In the middle of the display is the throttle control, sectioned in three fields (green field is economic drive, yellow is mixed power and red field shows full powered motor.

Between the field of throttle control is a warning sign for failures.

2. Page: System Overview

At this page it is shown if you have any failures or not. If you don't have any failure you will find the words at controller and display "No fault on node". On the other side it is shown "Faults active on node". If you have a look at this fault the error will be written at the display. For further questions please contact your Aquamot dealer or Aquamot.

3. Page: Status

Here you will find information regarding the battery and motor status. At the top box you see the information for the battery status: the battery voltage and battery current. Below is shown the motor status (AC voltage and AC current of the motor). Furthermore the temperature of the controller is shown.

4. Page: Configuration

You can change some parameter regarding the battery adjustment in this menu. You can change it with the buttons on the display. You have to recycle the power for saving this data in the motor system. Please note that it takes one battery cycle to accept the parameters in the motor system.

Below you will find the description of the specific parameters:

Nominal Battery V: you can adjust the nominal voltage of the battery pack. It isn't allowed to change this + or - 10% of the nominal voltage of the motor

Overvolt Start Ctback: At this level the cutback of the power will start

Overvolt Limit: At this level the system switch of automatically

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Reset Voltage: At this cell voltage the display shows 100% at the main screen

Discharge Voltage: At this cell voltage the display shows 0% at the main screen

Cutout Level: The bar on the right side of the main screen starts to get from yellow to red at this percentage

Warning Level: The bar on the right side of the main screen starts to get from green to yellow at

this percentage

Cell count: You have to choose the cell count for the display

Discharge Rate: Here you can choose how long it takes when you discharge the battery with max. power consumption. The value is in millisecond. Zero means 28 minutes.

5. Page: Fault Log