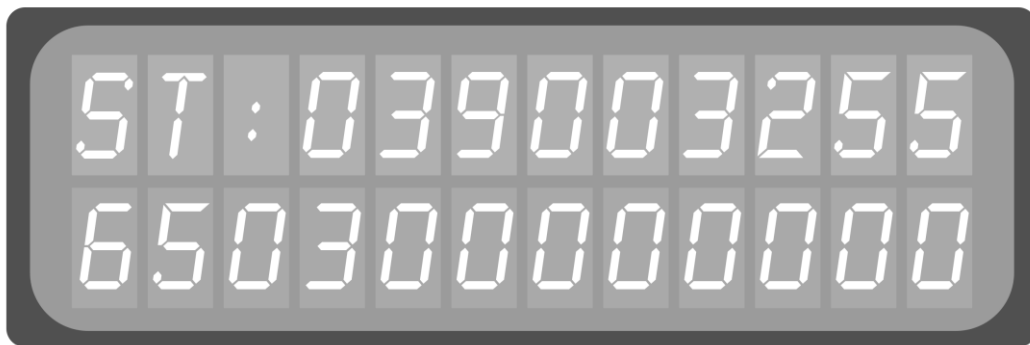
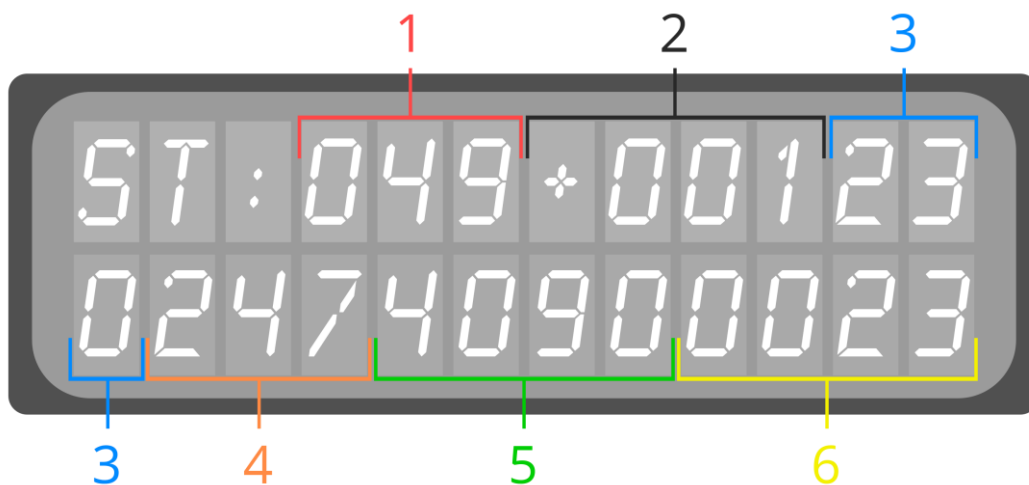


How to enter the troubleshooting mode -

To navigate to the troubleshooting screen press both the "+" and "-" keys at the same time. Once both buttons are pressed in you will enter the troubleshooting screen as shown below. If you press both the "+" and "-" keys at the same time once again it will return to the main page, or after a period of standby it will automatically return to the main page.

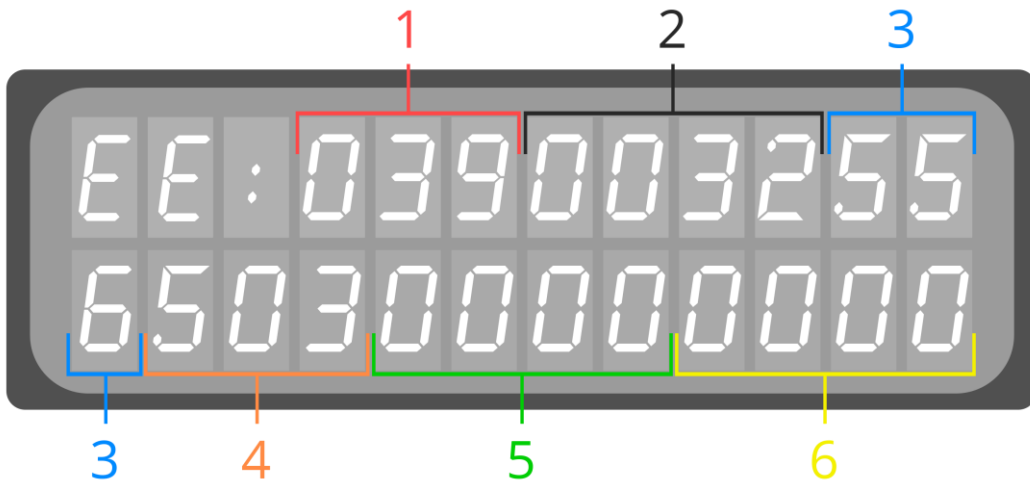


How to read the STATUS screen -



- 1) This is your cell's current voltage. For example: 049 means that the voltage is 4.9V
- 2) This is your cell's current. For example: +001 means that the current is +0.01A
- 3) This is your cell's board temperature. For example: 230 means the temperature on the circuit board is 23.0°C.
- 4) This is your water's current temp. For example: 247 means the water temperature is 24.7°C
- 5) This is your pool's salinity level. For example: 4090 means that the salt salinity is 4090 PPM.
- 6) This is cumulative working time of the salt cell measured in hours.

How to read an ERROR CODE -



When an error with the cell occurs, the cell's data is saved and will display the status specs at the time the operational error is detected. (The flow error is not included).

- 1) Is the cell's voltage.
- 2) Is the cell's current.
- 3) Is the Board's temp.
- 4) Is the pool water's current temp.
- 5) Is the current salinity level in the pool water.
- 6) Are the hours of cell runtime.

How to read the salinity coefficient -



The SALTSys screen is the salinity coefficient for the salt cell, and the value can be adjusted by pressing the "+" or "-" key, so that the value of the salt concentration can be corrected; For example: the salt concentration reported by the water quality is

3000ppm, and the salt concentration displayed by the salt chlorine generator as 2700ppm. It needs to be lowered from 100 to 95. The adjustment method is: $60\text{ppm} \times (100 - 95) = +300\text{ppm}$, 60 is the empirical coefficient, and +300 means to increase by 300ppm. After the adjustment, the salt concentration displayed by the salt chlorine generator will display about 3000ppm. For example: the salt concentration reported by the water quality is 2700ppm, and the salt concentration displayed by the salt chlorine generator as 3000ppm. It needs to be adjusted from 100 to 105. The adjustment method of experience value is: $60\text{ppm} \times (100 - 105) = -300\text{ppm}$, and 60 is the experience coefficient. -300 is a downward adjustment of 300ppm. After adjustment, the salt concentration displayed by the salt chlorine generator will be about 3000ppm.

How to change the cell model -



When you reach this screen, you have the ability to change the cell model. To select a different model, you can press the "+" or "-" buttons to cycle through the different models available. CFPT-40G and CFPT-60G are the same control modules; CFPT-20G is a separate controller and the former two will not work.

Solutions to common issues -

1) Testing the flow switch

To test the flow switch please turn on your water pump. The water flow indicator will flash for 3 minutes. If there has been water flow for 3 minutes the water flow indicator will turn green. After the indicator is green turn off the water pump, the water flow indicator will turn red within 5 seconds. If the indicator doesn't turn red you will need to check to ensure a proper installation of the flow switch as well as ensuring the switch is clean.

2. The controller has no display problem

Check if the control module fuse is blown, if yes, then the fuse needs to be replaced.

3. The cell is not operational

- 1) The "Water Cold" screen may appear when the weather is too cold. This means the pool water is below 10 °C and needs to be above 10 °C for the cell to work.
- 2) The "Water Hot" screen may appear when the pool water temperature is too hot. This means the pool water is above 50 °C and needs to be below 50 °C for the cell to work.

The two issues listed above are common, and there is no problem with the salt chlorinator. If both solutions do not fix the issues listed above the temperature sensor maybe broken and will need to be replaced.

4. The "Salt Low" prompt screen

There is a "Salt Low" screen if the salt salinity of the salt chlorinator is less than 500ppm lower than the salt concentration reported by the water quality. In order to fix this common issue please adjust the salt salinity on the salt chlorinator by following the "How to read the salinity coefficient" section that is listed above.