



## REMOTE CONTROL REQUIRED TO CUSTOMISE CHARGING PROFILE.

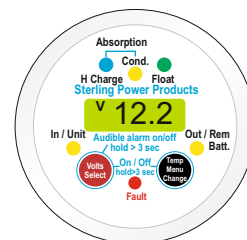
Custom Battery Type Setting:

REMOTE CONTROL REQUIRED TO CUSTOMISE CHARGING PROFILE.

Procedure (below) must be fully completed to instigate any custom changes by confirming with the YES option at the end of the procedure.

Procedure:

- 1) Connect the remote control via the cable to the BBW unit.
- 2) Turn BBW on - the remote control should turn on and settle down. If the remote does not turn on, please ensure connection to the BBW unit is tight.
- 3) To enter custom setting mode hold down the right button (Temp I Menu / Change) for several seconds until SEL appears on the display. Then let go.
- 4) Toggle through the options (using the right button) within the menu until you find 'cbt' - then press left button to enter 'cbt'.



### When in cbt menu.

#### **Setting Bulk Charge / Absorption voltage (12.0V -> 15.5V range @ 0.1V Intervals).**

The H Charge LED on the remote shall turn on. The default value is 12.0V (if previously not set). If the value is not 12.0V it has been previously changed. Change this voltage value by pressing the right and left button to toggle through the values. Once the appropriate voltage has been selected press the left button to go through to the conditioning setting.

#### **Setting Conditioning voltage (12.0V -> Bulk / Abs voltage @ 0.1V intervals).**

The Cond. LED on the remote shall turn on. The default value is 12.0V (if previously not set). If the value is not 12.0V it has been previously changed. Change this voltage value by pressing the right and left button to toggle through the values. Once the appropriate voltage has been selected press the left button to go through to the float setting. Please note this voltage can not exceed the Bulk / Abs. voltage that has been set, but it can match it. *Conditioning can only be active for up to 4 hours and shall only ever be on if absorption is less than 4 hours. If absorption length is 2 hours then conditioning shall be 2 hours. If absorption is 0 hours then condition shall be 4 hours. If absorption is 3h30mins then conditioning shall only be 30mins etc..*

#### **Setting Float voltage (12.0V -> Conditioning voltage @ 0.1V intervals).**

The Float LED on the remote shall turn on. The default value is 12.0V (if previously not set). If the value is not 12.0V it has been previously changed. Change this voltage value by pressing the right and left button to toggle through the values. Once the appropriate voltage has been selected press the left button to go through to the absorption factor setting. Please note this voltage can not exceed the condition voltage that has been set, but it can match it.

#### **Absorption time factor setting (0-20).**

The H Charge and Cond. LEDs shall turn on. Absorption factor can be at 0 - 20. To set, toggle through the numbers with the left and right buttons (right goes up). The time taken from the start of the charging cycle to when the absorption voltage is reached is multiplied by the factor number (0-20). *For example, if it takes 60 minutes for the absorption voltage to be reached (during bulk), and the factor is 2, then the length of time the charger stays in absorption is 2 x 60mins = 120mins. If it takes 500 minutes to reach the desired absorption voltage and you are on factor 15 = 15 x 500mins = 7500mins.* Toggle through the factor values and press the left button to selection which factor.

#### **Minimum absorption time.**

The Cond. and In / Unit LEDs comes on. This mode allows you to set the minimum time the charger spends in absorption mode. The times are in minutes and you can select in increments of 10 minutes. Press the left button when done to move to maximum absorption time.

#### **Maximum absorption time.**

The Cond. and Out / Rem Batt. LEDs comes on. This mode allows you to set the maximum time the charger spends in absorption mode. The times are in minutes and you can select in increments of 10 minutes. This value has to be equal to or higher than the minimum time setting. Press the left button when content with the time selected.

#### **Confirmation of settings.**

a **Yes** or **No** confirmation screen appears at the end. If happy with settings confirm the **Yes** by pressing the left button - the unit shall save these settings and restart. If not, press the right button and **No** should appear. Press the left button to confirm the No option - the unit should restart and the default charging profile of 14.4V (sealed lead acid) shall reinstate.