6 Configurations

6.1 Preference Settings

It's advised to set display preference by these steps before operation.

Step1: In power-on state, press " M " button and hold to enter the preference setting page as shown in Figure 6-1. Users can choose display items based on personal needs and preference.

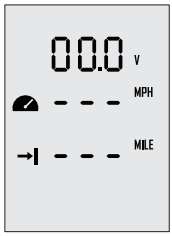


Figure 6-1

Step2: On the preference setting page, the blinking item is the object waiting to be set. Press the " ∧ " button to view options for the blinking item. For example, in Figure 6-1, if " **V** " is blinking on the preference setting page, it means that " **V** " has other alternate options. Just press the " ∧ " button, and " **V** " will switch to " **%** ", i.e. the displayed item is switched from voltage to battery level.

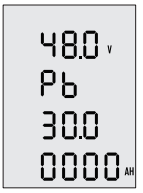
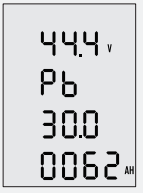
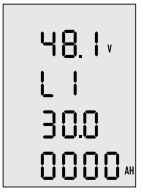
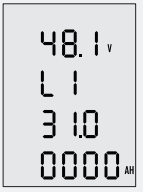
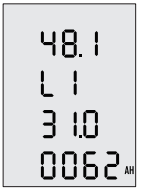
Step3: Press " OK " button to save setting for the current item and skip to the next item simultaneously.

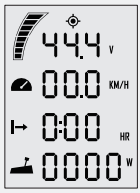
Step4: When all the items have been set well, long press the " OK " button to save all the settings and return to the main page.

6.2 Battery Configuration

Accurate battery configuration helps achieve precise estimation of the battery's discharging state. When using an ePropulsion E Series Battery, battery configuration is self-activated by the control system given that all the communication cables are well connected. When not using E Series Batteries, users should manually configure the batteries via Remote Control/Tiller at the first time use, so the battery level will display more accurate.

⚠ Battery configuration should be carried out if a battery with different type/capacity/voltage is connected to NAVY 6.0 for the first time.

Battery Configuration Process	LCD Displaying
Step1: First, turn on the main switch and the Evo Remote Control / Evo Tiller. Press and hold the "M" and "OK" button simultaneously to enter the battery setting page. Users can see the attery type blinking and it's ready for configuration.	
Step2: Press "OK" and "∧" button to set the nominal voltage.	
Step3: Press "OK" button to switch the battery type options between Pb, Li and LFE. **Pb:** Lead-acid battery **Li:** Lithium battery **LFE:** Lithium-ion ferrous phosphate battery	
Step4: Press "OK" and "∧" button to set the battery cut-off voltage.	
Step5: Press "OK" and "∧" button to set the battery capacity according to the battery you use. Note that the unit of capacity is "Ah", usually the capacity of battery is expressed in "Wh", and we can get the capacity in "Ah" by following the below formula: $\text{Capacity in Ah} = \frac{\text{Capacity in Wh}}{\textit{Nominal voltage in V}}$ Eg. if users use a 3000Wh Lithium battery with 48.1V nominal voltage, then the battery is about 62.37Ah, so you can set 62Ah as the capacity setting.	

Battery Configuration Process	LCD Displaying
Step5: Press "M" button to save all the settings and return to the main page.	

⚠ Lithium batteries, lead acid batteries and lithium iron phosphate batteries are recommended to use with NAVY Evo. Other types of battery may fail to make NAVY Evo work properly.

⚠ When you use the below batteries, please set battery type and rated voltage value based on the parameters in the following table.

Battery type	Nominal Voltage options
LI	43.2V 44.4V 45.6V 46.8V 48.1V 49.4V 50.4V 51.8V 53.2V
Pb	44.0V 46.0V 48.0V 50.0V 52.0V 54.0V
LFE	44.8V 48.0V 51.2V

⚠ Update the battery configuration is necessary if a different type of battery has been applied.

When using non-ePropulsion batteries, before starting the outboard, users should configure the batteries via the Evo Control System for the first time use, otherwise the batteries may not work properly.