

Pleasure-Way

SPYDER
CONTROLS CORP



TOUCHSCREEN CONTROL PANEL OPERATION MANUAL



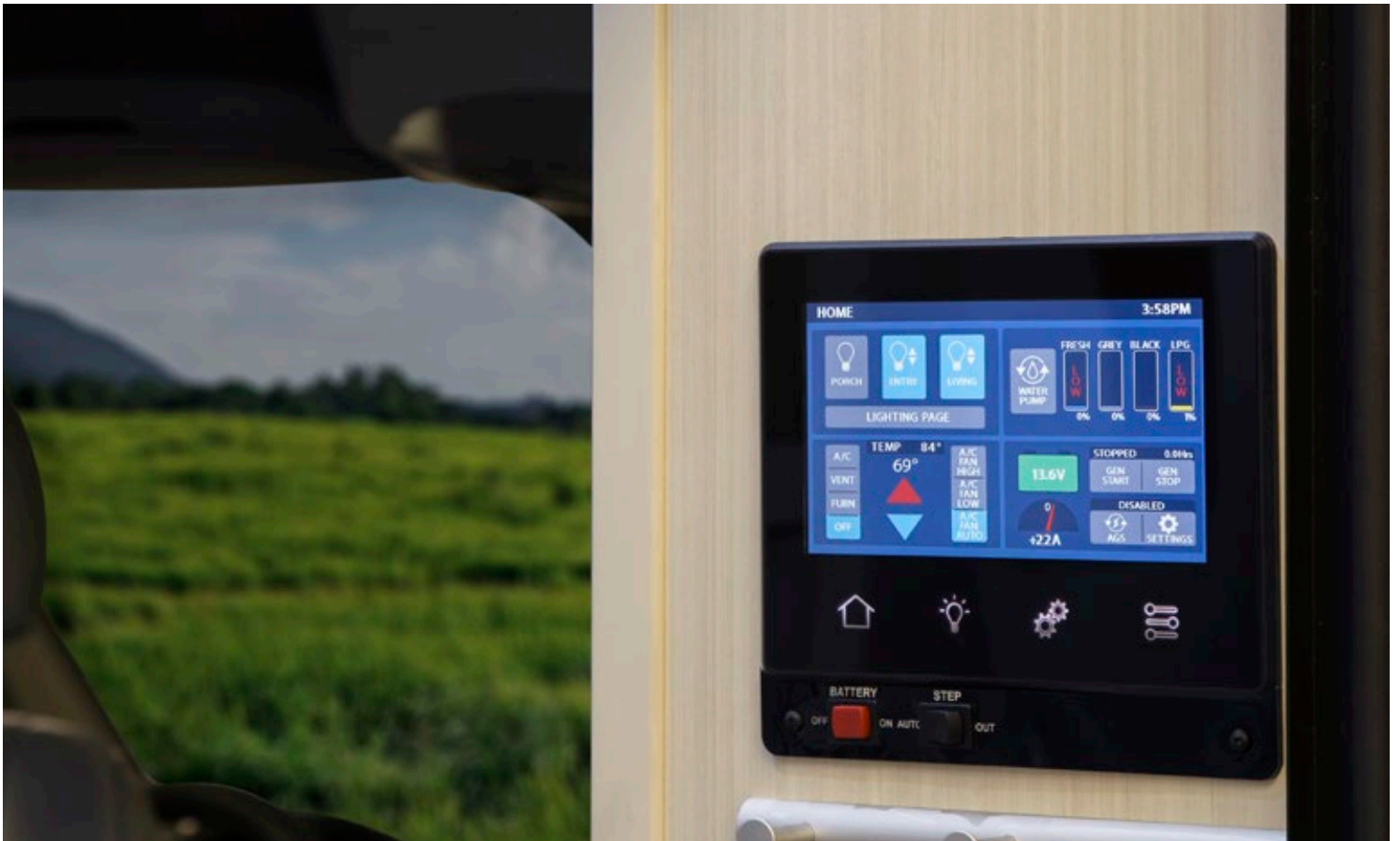




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GETTING STARTED

12 VOLT BATTERY DISCONNECT SWITCH

To operate the touchscreen control panels, the 12 volt battery disconnect switch must be in the ON position.

(This applies to the front and rear touchscreen control panels)



MENU OPTIONS

The menu options are located at the bottom of the touchscreen control panel. There are four menu options: HOME, LIGHTS, MECHANICAL AND SETTINGS.



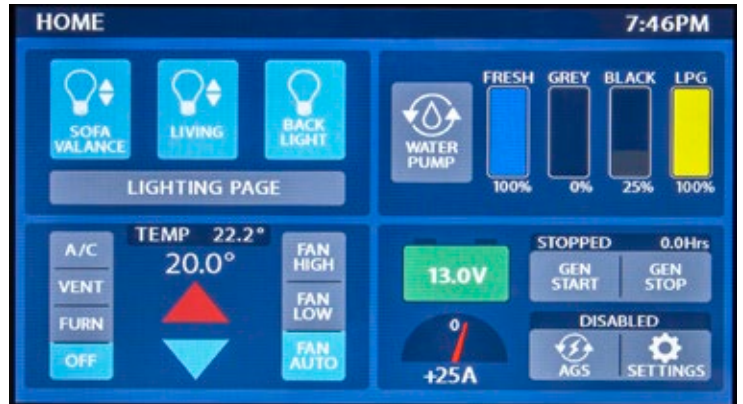
Select a menu icon to access the appropriate page.

HOME PAGE

To access the HOME page, select the icon from the menu at the bottom of the touchscreen control panel.

Buttons will display in light blue when activated.

The HOME page will display the following:
LIGHTING, CLIMATE CONTROL, WATER PUMP, TANK LEVELS, BATTERY VOLTAGE, LOSS/GAIN AMPERAGE, GENERATOR START/STOP, and AUTOMATIC GENERATOR START/SETTINGS.

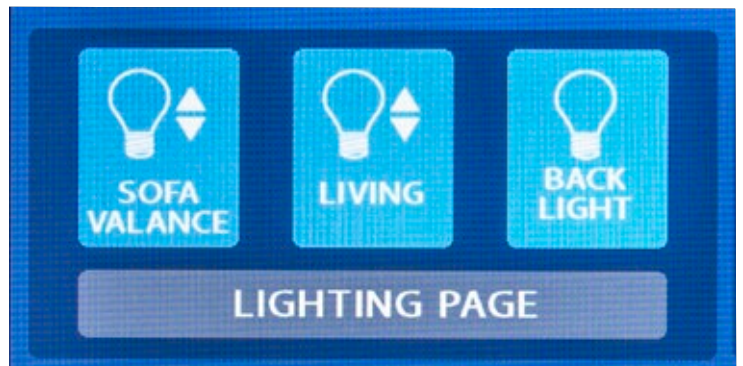


LIGHTING QUICK ACCESS

This area provides a short cut to your 3 most used lights. (See LIGHTING PAGE 10) for customization. The configuration shown here will allow you to turn on or off lighting for the SOFA VALANCE, LIVING (main living room) and the BACK LIGHT.

Buttons with up/down arrows are capable of dimming. Touch and hold the light button for brightening and dimming of the lighting.

Select the LIGHTING PAGE button for a complete list of lighting options.



WATER PUMP

Select the WATER PUMP button to run the on-board water pump.

Ensure there is water in the fresh water holding tank before engaging the water pump. The water pump should not be turned on when the motorhome is connected to city water.

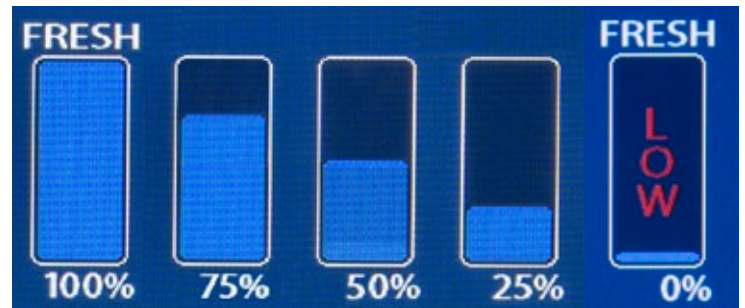
It's recommended that you turn off the water pump when the water system is not in use or when you are going to be away from your motorhome.



TANK LEVEL PANEL

The FRESH, GREY and BLACK tank levels measure in 25% increments.

The propane tank (LPG) levels will read in a single percentage.



CLIMATE CONTROL CENTER

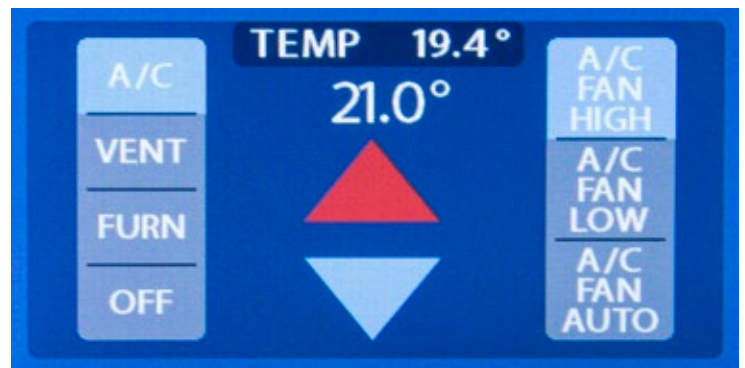
The CLIMATE CONTROL CENTER displays the inside temperature and the desired temperature in the center column.

The actual inside temperature of the coach is displayed in black above the desired temperature. The desired temperature can be set with the use of the red and blue arrows. The blue arrow will allow you to lower the desired temperature. The red arrow will raise the desired temperature.

Use the MODE buttons on the left to select the desired item that you want to operate. You can select: FURNACE, VENT or AIR CONDITIONER.

These devices are thermostatically controlled.

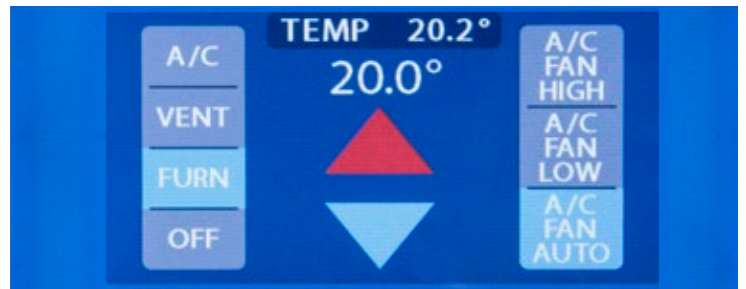
NOTE: MODE buttons display in light blue when activated.



In the furnace mode (FURN)

If the desired temperature is above the interior temperature the furnace will engage and warm the coach to the desired temperature. At the desired temperature the furnace will cycle off. If the temperature drops below the desired temperature the furnace will cycle back on. Ensure that the propane switch on the exterior of the coach is in the ON position.

NOTE: Ensure that the fan speed on the right side of the red and blue arrow is set to FAN AUTO. If there is 110 volt available and the fan is left on high or low, the fan in the AC will engage during the furnace mode.



In the VENT mode

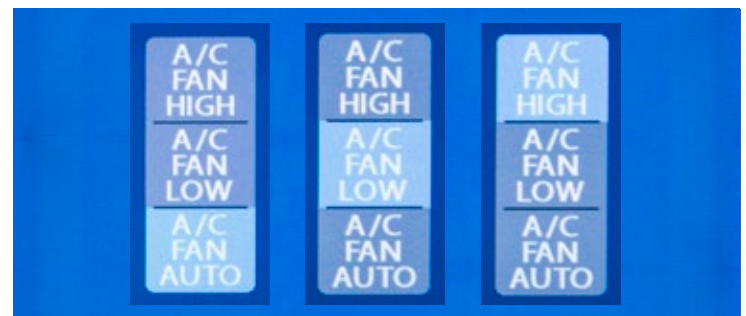
If the desired temperature is below the interior temperature, the roof vent fan will open and the fan will engage. The fan will run at high speed until the interior temperature reaches the desired temperature. When the interior temperature reaches the desired temperature the fan will shut off, however the vent lid will remain open. The fan will cycle off and on to keep the desired temperature.

In the A/C mode

110 volt power from a shore line or from the generator must be present to activate the air conditioner. In the A/C mode if the desired temperature is below the interior temperature the roof top A/C will engage to cool the interior of the coach. The FAN HIGH, FAN LOW and FAN AUTO are used to control the air conditioner fan speed. If the FAN HIGH or FAN LOW is chosen the air conditioner fan will continue to run while the air conditioner compressor will cycle on and off.

If FAN AUTO is chosen the air conditioner fan will cycle on and off a short time before, and a short time after the air conditioner compressor engages, to keep the desired temperature.

NOTE: The FAN HIGH, FAN LOW and FAN AUTO are used to control the air conditioner fan speed only. These controls will not affect the roof vent or the furnace fan speeds.



BATTERY VOLTAGE

This gauge displays the battery voltage. The battery voltage will vary depending on the load. The battery voltage will change depending on the amount of charge the battery is receiving from the solar panel, engine alternator, or the inverter/charger.



LOSS/GAIN AMPERAGE METER

The loss/gain amperage meter will allow you to monitor the amount of draw on the coach batteries. This allows the user to balance out power use and will enhance the dry camping experience. The amperage readings will vary depending on the number of appliances in use, and the amount of charge going into the coach.



GENERATOR START/STOP

These buttons will start and stop your generator. Touch and hold the button to start the generator. There will be a slight delay before the starter engages.

You also can monitor the number of hours that the generator has operated. This is important for service.



AUTOMATIC GENERATOR START

The automatic generator start (AGS) can be used to charge the coach batteries and/or for climate control in your coach.

To enable AGS for the Ascent, Plateau, and Plateau XL models, the LP switch must be in the ON position and the LP tank must have adequate fuel. To enable AGS on the LEXOR models there must be at least ¼ tank of gasoline.

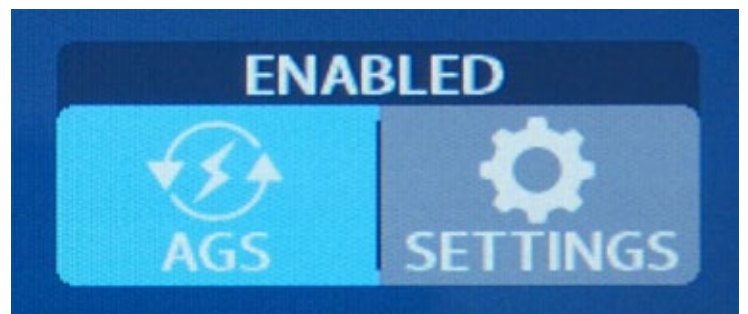
Select the AGS button to enable the automatic generator start function. A display will appear with a warning and instructions. AGS will not engage if you do not cycle the ignition to the run position within the allotted time or if you touch CANCEL on the screen.

NOTE: *The ignition should only remain in the run position for less than 10 seconds otherwise AGS will be disabled.*

WARNING: *Do not use the automatic generator start if you are plugged into shore power, or if you are in an area where running the generator is prohibited.*

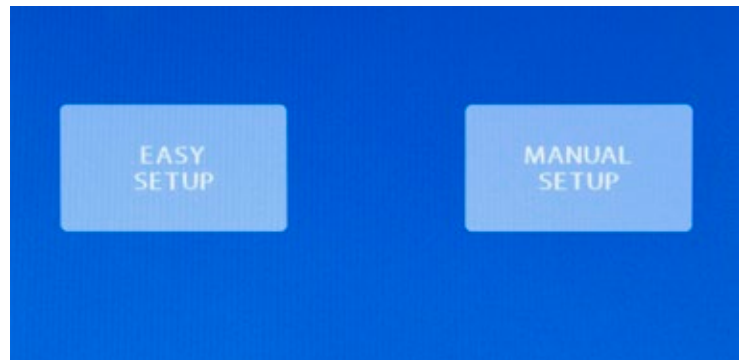
Select the SETTINGS button to set the parameters for Auto Generator Start.

After selecting the SETTINGS button you will have a choice between EASY SETUP or MANUAL SETUP.



AGS EASY SETUP

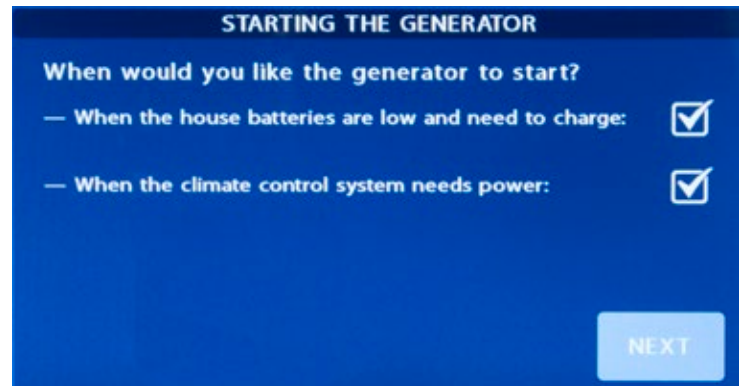
Select EASY SETUP for a quick set up of the start parameters.



STARTING THE GENERATOR

The first page displayed will ask when you want the generator to auto start. Select the boxes to check or uncheck the reason to enable.

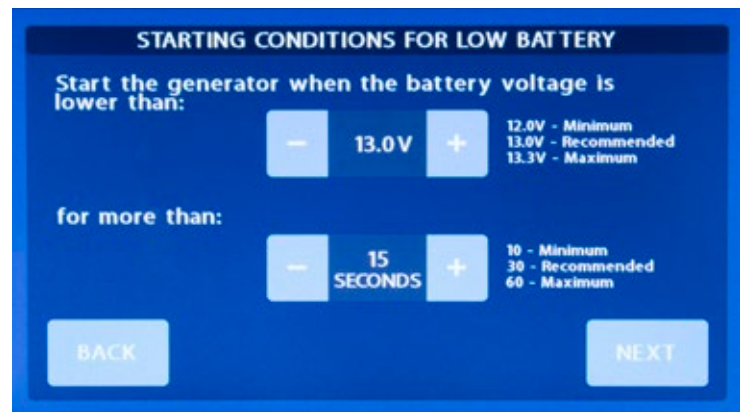
Select the NEXT button to continue.



STARTING CONDITIONS FOR LOW BATTERY

This page will enable you to set the voltage and the period of time below that voltage, where you want your generator to start. The generator when running will charge the coach batteries through the inverter/charger.

Use the + and - buttons to adjust the settings.
Select the NEXT button to continue.

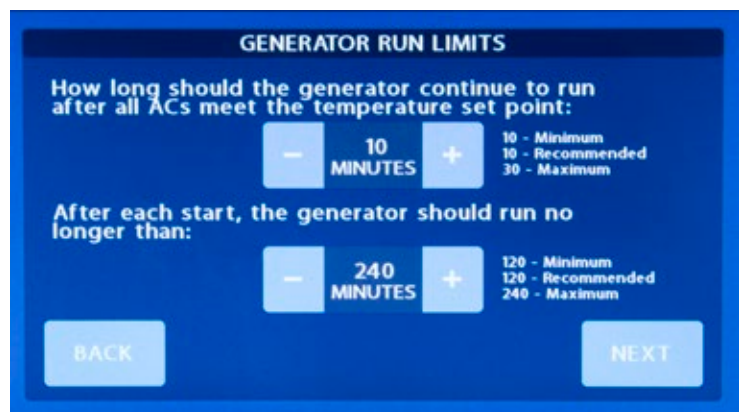


GENERATOR RUN LIMITS

This page will enable you to set the parameters for run time for the air conditioner settings. Once the air conditioner has brought the coach down to the chosen temperature and cycled off, the generator should continue to run for ten minutes.

It will also allow you to set the maximum run time for the generator.

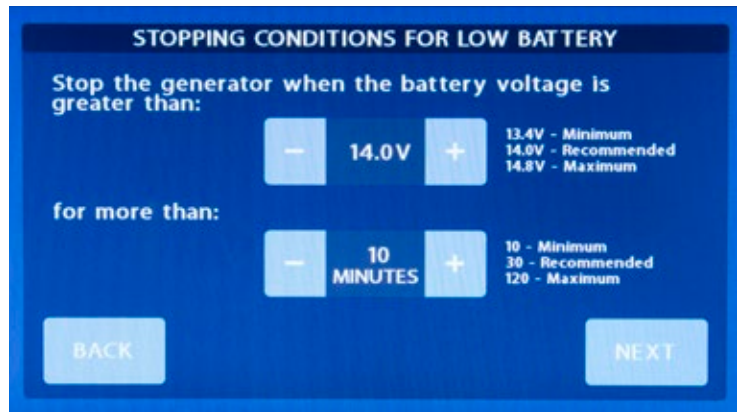
Use the + and - buttons to adjust the settings.
Select the NEXT button to continue.



STOPPING CONDITIONS FOR LOW BATTERY

This page will enable you to set the parameters for the battery charging system. You will be able to set the desired charge voltage as well as the amount of time that the battery has held the voltage before the generator will shut down.

Use the + and - buttons to adjust the settings.
Select the NEXT button to continue.

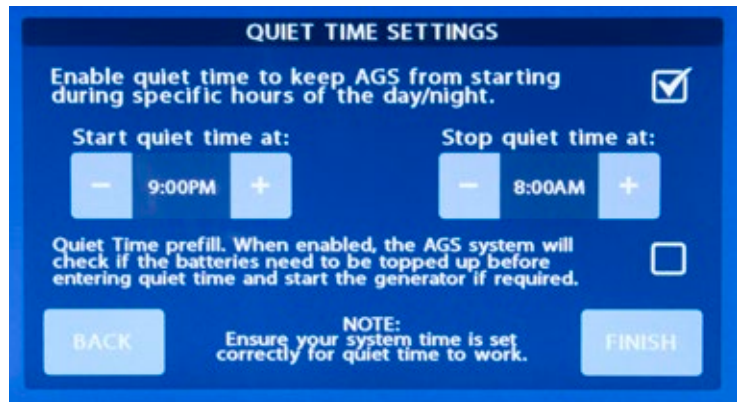


QUIET TIME SETTINGS

Select the box in the top right hand corner to enable or disable quiet time settings. Quiet time settings allow you to determine when the generator will not be allowed to run.

Select the box above the FINISH button to enable or disable a battery top up just before the system goes into quiet time settings.

Select the FINISH button to complete EASY SETUP.



AGS MANUAL SETUP

Select MANUAL SETUP for more in depth set up choice.



START TRIGGERS

Select LOW BATTERY VOLTAGE or HVAC loads to turn on the required triggers for AUTO GEN START. Buttons will display in light blue when activated.

Select QUIET TIME button to set the parameters for the quiet time settings.

Use the + and - buttons to adjust the settings.



STARTING

Use the + and - buttons to adjust the settings for:

- battery voltage
- delay if the generator fails to start
- number of restart tries

RUNNING

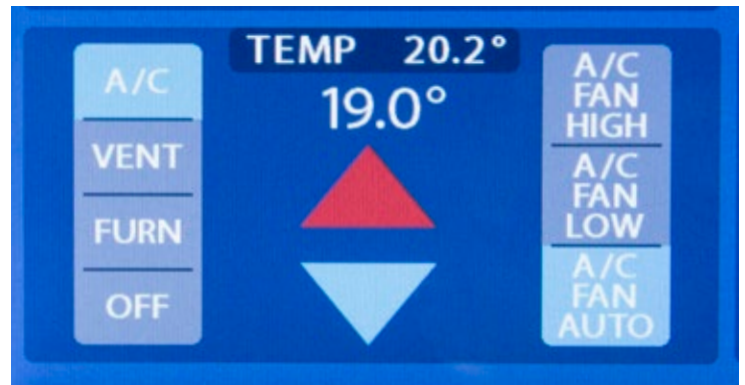
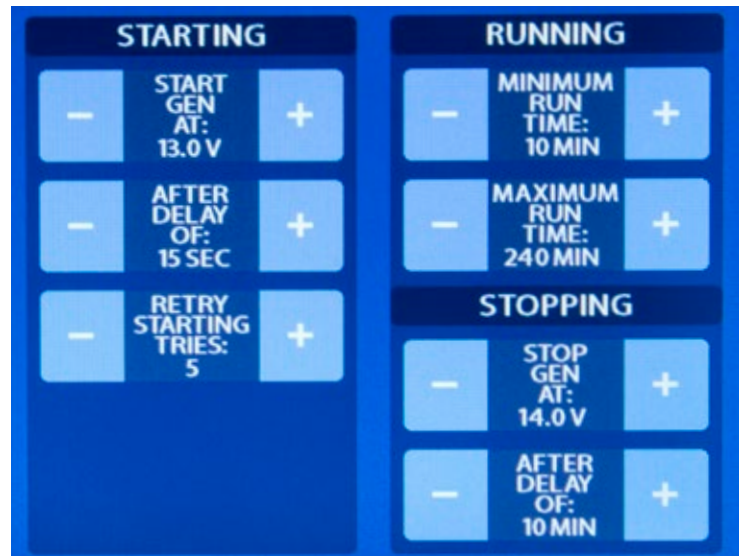
Use the + and - buttons to adjust the settings for the generator run time. This applies the HVAC setting.

STOPPING

Use the + and - buttons to adjust the settings for the voltage parameters and the amount of time the battery remains at that voltage before the generator will shut off. This applies to the low battery voltage setting.

NOTE: If both the *LOW BATTERY VOLTAGE* and the *HVAC LOADS* are activated, which ever one needs the most run time to acquire the desired result will override the other setting.

NOTE: When automatic generator start is used for the HVAC system (air conditioning or heating), the appliance must be selected on the main screen, the temperature must be selected and set on the main screen and the fan on the main screen should be set to *FAN AUTO*.





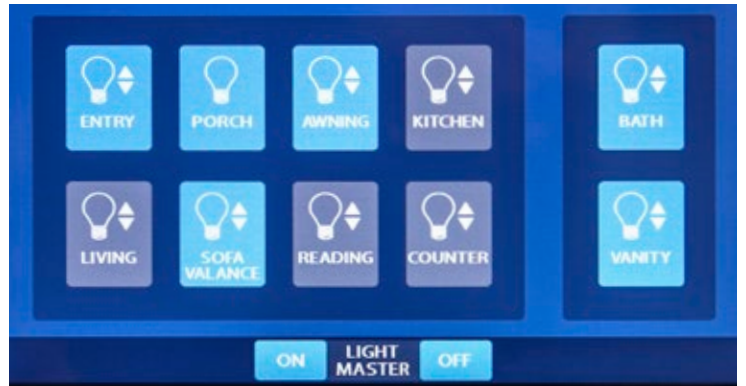
LIGHTING PAGE

To access the LIGHTING PAGE, select the icon from the menu at the bottom of the touchscreen control panel, or select the LIGHTING PAGE button located underneath quick access lighting options on the HOME page.

NOTE: LIGHTING PAGES will vary depending on the model.



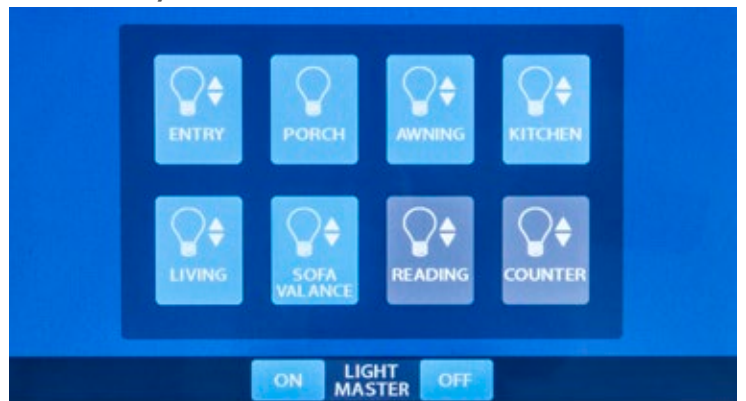
PLATEAU XLMB/XLTD/XLTS



ASCENT TS & LEXOR TS/FL



PLATEAU TS/FL



GETTING STARTED

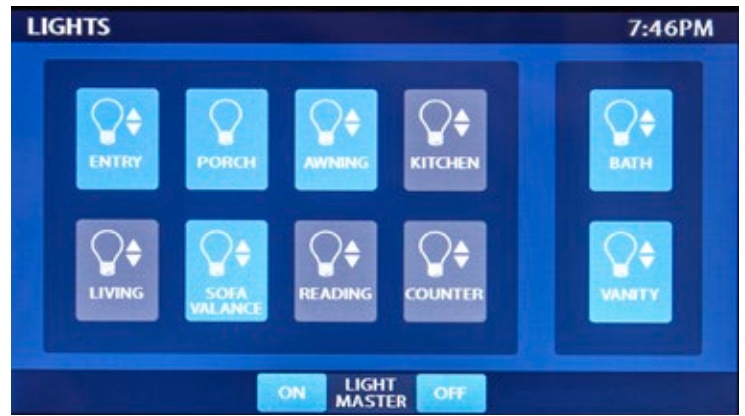
Select a light button to turn ON or OFF lighting associated with the area. Buttons will display in light blue when activated.

The LIGHT MASTER button turns ON or OFF all the lights inside the vehicle. The LIGHT MASTER button does not control AWNING LIGHT or the PORCH LIGHT.

Buttons with up/down arrows are capable of dimming. Touch and hold the light button for brightening and dimming of the lighting.

To turn OFF the screen display, select the BACK LIGHT button on the HOME page. To turn the screen display back ON, touch anywhere on the screen.

WARNING: *Ensure the awning light is off when the awning is retracted in the stow position.*



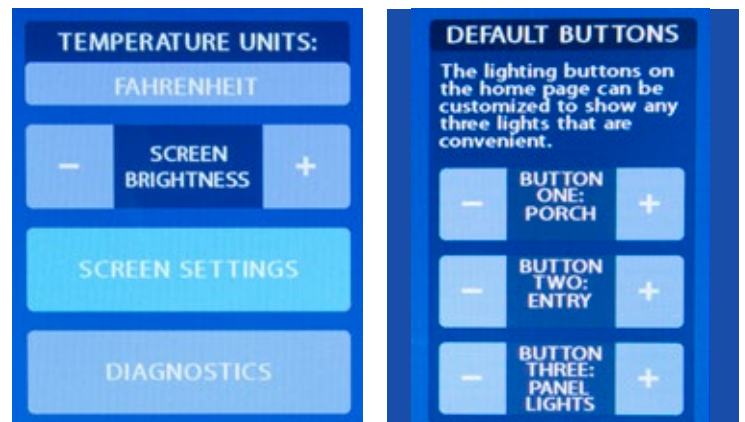
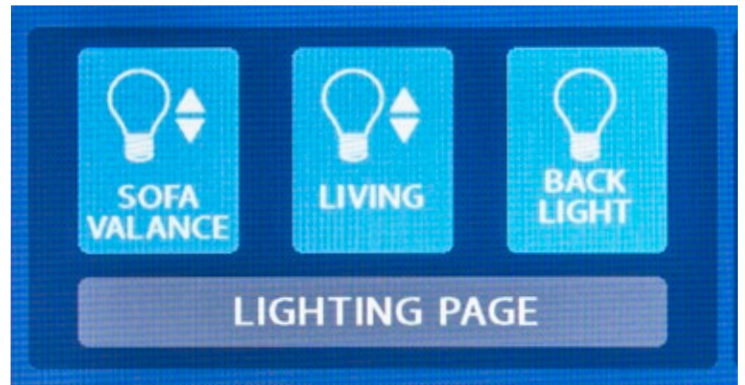
HOME PAGE LIGHTING QUICK ACCESS

The quick access lighting buttons on the HOME page can be customized to show any 3 lights, by following these instructions:

NOTE: *It is recommended that you keep the BACK LIGHT or PANEL LIGHTS as one of the three options as this will allow you to turn ON or OFF the touchscreen display.*

1. Select the SETTINGS icon from the menu at the bottom of the touchscreen control panel.
2. Select the SCREEN SETTINGS button. This will bring up the DEFAULT BUTTONS section.
3. Use the + and - buttons to adjust lighting options.

NOTE: *PANEL LIGHTS and BACK LIGHT are the same function.*





MECHANICAL PAGE

GETTING STARTED

To access the MECHANICAL page, select the icon from the menu at the bottom of the touchscreen control panel.

These include:

THE FAN-TASTIC VENT® FAN, AWNING AND POWER SOFA.



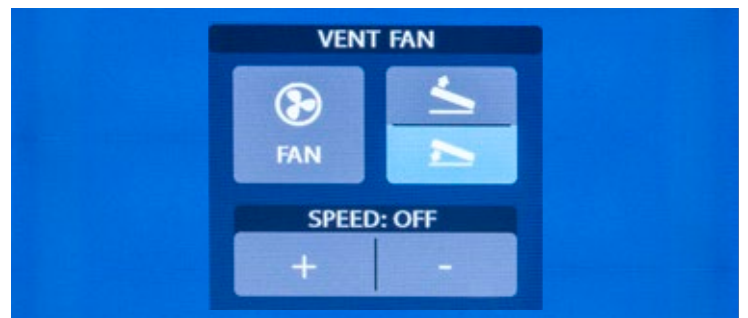
FAN-TASTIC VENT® FAN

Select LID UP or LID DOWN button to open or close the vent.

Select the FAN button to start the Fan-Tastic Vent® fan. (This fan is an exhaust fan used to draw air out of the coach). The fan is also controlled by the thermostat. Ensure the temperature of the thermostat is higher than the inside temperature.

Use the + and - buttons to adjust the speed of the fan.

NOTE: The fan is equipped with a rain sensor so the fan cannot be operated when it is raining. The fan cannot be operated when the fan lid is closed.

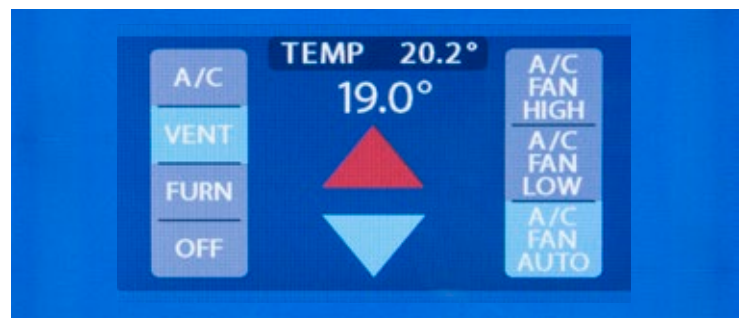


AWNING

Touch and hold the EXTEND button until the awning is fully extended. Touch and hold the RETRACT button until the awning is completely retracted.

The awning can be operated when the IGNITION OFF light is lit in green. The awning will not operate when the vehicle is running.

WARNING: Ensure the awning is fully retracted before starting the vehicle engine. The awning does not automatically retract when the vehicle is started.



POWER SOFA

Touch and hold the EXTEND button until the sofa is fully extended.

Touch and hold the RETRACT button until the sofa is completely retracted.

The power sofa will not move unless the buttons are held.

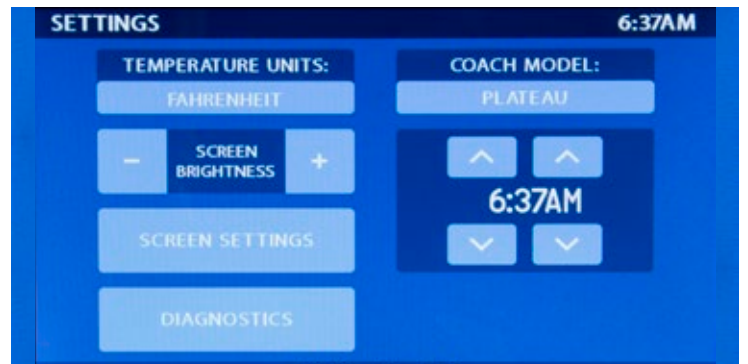
WARNING: Do not sit on sofa when operating the power sofa functions.



SETTINGS PAGE

GETTING STARTED

To access the SETTINGS page, select the icon from the menu at the bottom of the touchscreen control panel. This screen will allow you to adjust TEMPERATURE UNITS, TIME, DISPLAY ITEMS, MODEL and DIAGNOSTICS.



TEMPERATURE UNITS

Select this button to change from Fahrenheit to Celsius. This will allow you to monitor the interior temperature and set the thermostat according to your chosen measure.

SCREEN BRIGHTNESS

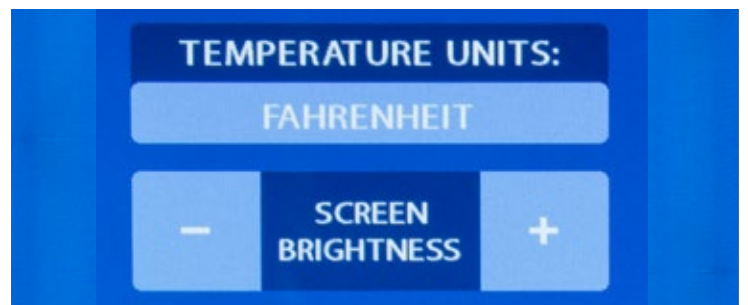
Use the + or - buttons to set the screen to the desired lumens.

SETTING THE CLOCK

Select the left side up/down arrows to change the hour reading on the display. Select the right side up/down arrows to change the minutes.

To change from AM to PM you must run the clock through the 12 hour cycle.

NOTE: Setting the clock is critical to the Automatic Generator Start Feature.



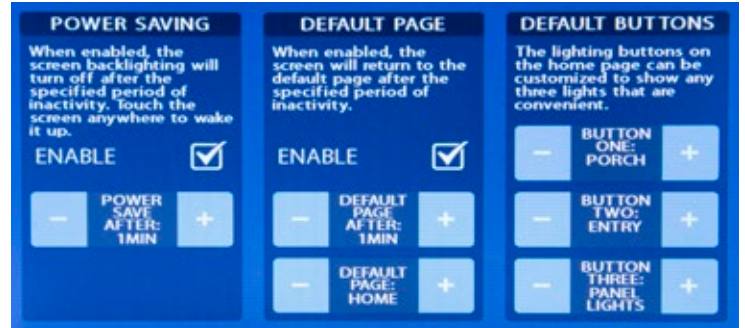
SCREEN SETTINGS

Select the SCREEN SETTINGS button to bring up the POWER SAVING MODE, the DEFAULT PAGE and the DEFAULT BUTTONS (quick access lighting on HOME page).



Select the ENABLE button to activate the POWER SAVING mode. By using the + or - buttons, you can set the number of minutes the screen will be active before it goes off. Once the screen turns off, touch anywhere on the screen to turn back on.

Selecting the ENABLE button on the DEFAULT PAGE will allow you to set the time that the screen display will stay active on any particular page. When enabled by use of the + or - buttons, you can set the screen display duration, and choose a page as the default page.

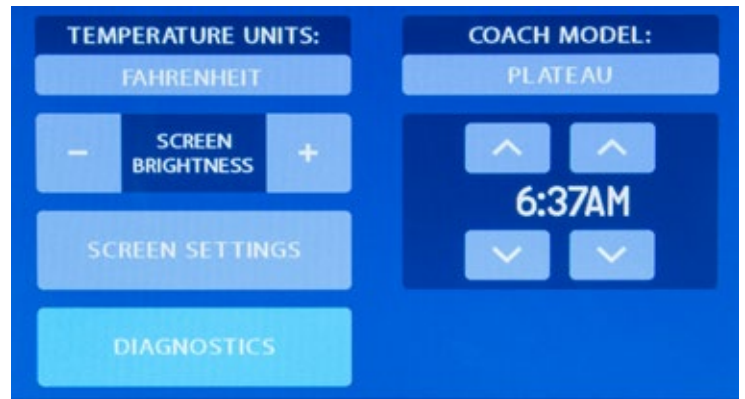


**For example if you choose the HOME page as your default page and you are on the LIGHTING page, the screen will return to the HOME page after the set duration.*

The DEFAULT BUTTONS section allows you to customize the quick access lighting on the HOME page. (See page 10)

DIAGNOSTICS

Select the DIAGNOSTICS button to trouble shoot the DC ELECTRICAL SYSTEM.

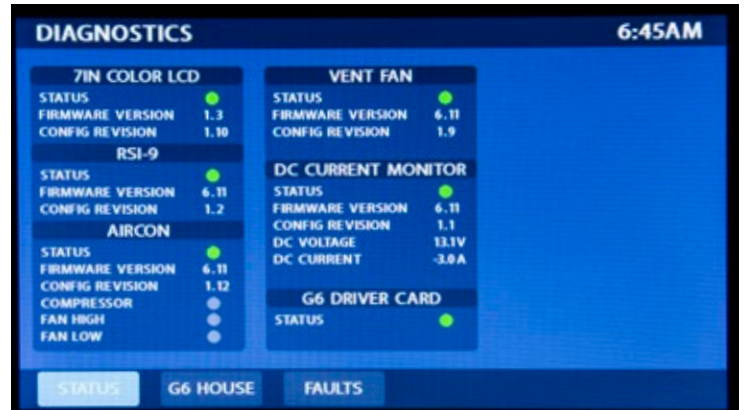


Select the STATUS button for status of each system.

If the STATUS button is green the item is functioning as normal and the item is active.

If the STATUS button is grey this item is not in use at this time.

If the STATUS button is red there is a fault with this item (this will be highlighted in the FAULTS page).

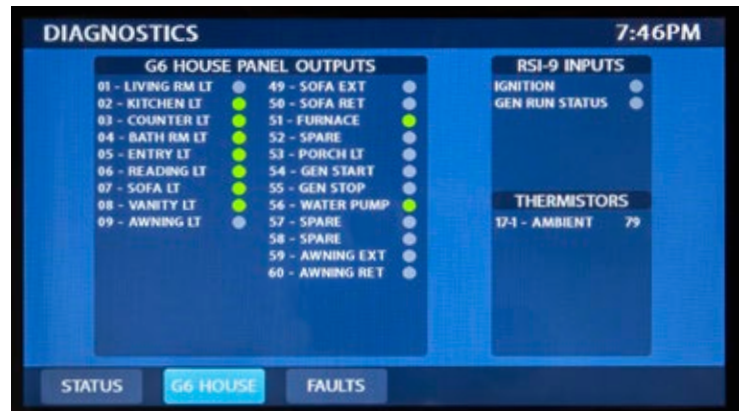


Select the G6HOUSE to display all circuits in the vehicle.

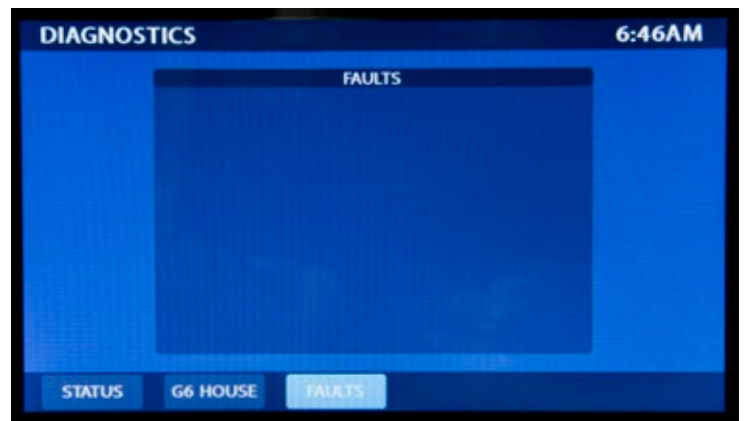
If the circuit is lit in green it is active and being used.

If the circuit is lit in grey the circuit is not being used and the items on that circuit are not turned on.

If the circuit is lit in red there is a fault in that circuit.



Select the FAULTS button to view all faults in the system.



If you require further information about the touchscreen control panels, please contact one of the following:

1. Your Pleasure-Way Dealer.
2. Pleasure-Way Industries Ltd., at 1-800-364-0189
or email: warranty@pleasureway.com
3. Spyder Controls Ltd. 1- 866-919-9092
or email: info@spydercontrols.com

PLEASE NOTE:

Appliances and options may change without notice and some appliances and equipment may be optional. Due to Pleasure-Way's policy of continuous improvement, Pleasure-Way Industries Ltd. reserves the right to make product changes at any time without incurring obligation.

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Version 3.0