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Inverter (On / Off Men	u Item	Settings

Introducing the RC7 & RC7GS Remote Control

The RC7 and RC7GS (Generator Start) enable you to remotely control any RV and Legend Series II inverter/charger rated from 2000 to 3000 watts and equipped with an RJ11 remote control jack. The inverter must have software version 1.10 or better (upgrades are available).

These remote control devices feature inverter On/Off control, meters, error messages, and informative displays so that you can optimize the performance of your inverter/charger.

Note: Throughout this booklet, all features described are available on both the RC7 and the RC7GS, unless specified otherwise. Generator control features apply to the RC7GS only.

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On/Off Control

The inverter portion of your RV or Legend Series II inverter/charger can be turned Off or On using the remote control. The standby charger in your inverter/charger system is automatic– always ready and available for charging whenever AC power is available.

Meters

The RC7(GS) remote features several meters that enable you to monitor operating conditions of your power center. These meters include Average Shunt Amps, Battery Voltage, Inverter-Charger Current, AC Input Voltage, AC Output Voltage, AC Input Amps (GS only), Pass Through Amps (RC7 only), Battery Temperature, Transformer Temperature, FET Temperature, and Estimated Battery Capacity, as well as Battery State of Charge, Time Left to Run, and Time Left to Charge.

Controls

The RC7 & RC7GS remotes enable you to turn your inverter On or Off at the push of a button on the faceplate. You can use the RC7 to configure the inverter/charger to your specific system and preferences including battery capacity, battery type, charger rate, low battery cutoff, AC voltage dropout, shore power amps, external shunt, fuelgauge cutout and display contrast. In addition, the RC7GS enables you to start and/or stop your genset automatically or manually, specify generator make and model, and set a 'quiet time' during which the genset will not start automatically.

Status Monitoring

These remotes monitor operating conditions including AC supply, inverter operation, charger operation, battery condition and generator condition (GS only).

Installation

1. Select an appropriate location to mount the RC7or RC7GS. Use the dimension drawing provided to prepare the mounting surface, or install in a standard 'double-gang' outlet box.

2. Place the On/Off switch on the front panel of the inverter to the Off position and disconnect AC power. Repeat whenever connecting the remote.

3. Insert the remote communications cable into the RJ11 port on the inverter/charger marked 'Remote Control'. Do not substitute an ordinary telephone cable. Insert the other end of the cable into the RC7.

4. Wait for the LCD to display the message "Waiting for AC".

5. Place the On/Off switch on the inverter to the "On" position. (the remote will not operate the inverter with this switch in the "Off" position).

6. Connect the inverter to an AC power source. After a brief delay, the RC7 will display a system status message similar to the illustration that follows:



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Front Panel Controls

The RC7 and RC7GS have four pressure-sensitive buttons on the front panel:



Inverter ON/OFF: Press this button once to turn the inverter On or Off. The charger section of the inverter/charger is not effected by this choice, it is always On when AC is present. If you have the RC7GS, You can also use this button to turn the generator On or Off. See Generator Start/Stop

Menu Item/Setup: Press and hold both of these buttons at the same time for about 5 seconds (or until the display is clear) to enter the Setup Menu; then press the up or down arrow to scroll through the menu selections.

Settings: Press this button to change the settings within the Setup menu.

Meter: Press and hold this button about 5 seconds or until the display is clear to enter the Meters display menu.

RC7 & RC7GS Setup Menu

The Setup menu allows you to configure the RC7 to your specific power center. Before using the RC7, enter the Setup Menu by pressing both the Up and the Down arrows on the RC7 faceplate for approximately 5 seconds or until the LCD display clears, then release both buttons. When you are finished configuring your RC7, press and hold both the Up and Down arrow keys for approximately 5 seconds or until the screen clears. You choices will become saved to non-volatile memory 20 seconds after the screen clears if you do not change anything during the waiting period. The initial menu item to configure is shown below:

Search	Sense:
Defeat	

The entire Setup menu is illustrated at the end of this section. Each menu selection is described below in the order in which they appear on the Setup menu. Read through this section and circle your preferences for use while programming the RC7, then retain this booklet for future reference.

Search Sense

Search Sense enables or disables the power-saving 'search' mode logic built-in to your Trace inverter/charger. Consult your inverter/charger Owner's Manual for a complete description of Search Sense.

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To configure your RC7, enter the Setup menu as instructed previously. Search Sense is the first selection in the menu. To change the setting, scroll through the menu choices by pressing the Right arrow key labeled Settings. If you pass the setting you desire, just keep pressing the Settings key until the selection reappears. The available choices are shown below:

Search Sense:	Search Sense:	Search Sense:	••••	Search Sense:	Search Sense:
Defeat	About .5W load	10W		40W	> 40w
Default -					>

Search Sense will be disabled when you select Defeat. When you select any other setting, a load of at least the selected watts will be required to activate the inverter. See your inverter/charger owner's manual for a detailed discussion about Search Sense loads.

When the Search Sense setting that you desire is displayed, press either the Up or Down arrow key to move on to another menu selection.

Auto LBCO

The Automatic Low Battery Cut Off (Auto LBCO) prevents the inverter from draining your batteries below10.51 volts. When enabled (On), the inverter will shut off when the battery voltage drops to 10.51 volts. When disabled (Off), the inverter will draw from the battery until voltage drops to about 8.5 volts, then shut off. When AC power is available, the inverter/charger will automatically reset and begin charging the batteries..

To set Auto LBCO On or Off, enter the Setup menu by pressing and holding both the Up and the Down arrow at the same time until the screen display clears. Then press the Down arrow until the Auto LBCO item appears. Press the Settings button to change the current selection, then scroll to the next Setup menu item. The Auto LBCO display is shown below.



Battery Capacity

Battery capacity refers to the reserve capacity in amphours of your battery or battery bank, not the cold cranking amps. The RC7 enables you to specify the approximate reserve capacity of your system so that it can more accurately calculate the battery state-of-charge (SOC) and remaining time-to-run. The RC7 automatically estimates your battery capacity and adjusts itself over several charge/discharge cycles, but setting the capacity will assure more accurate initial SOC and time-to-run calculations. The default setting is Auto.

| Bat Capacity: |
|---------------|---------------|---------------|---------------|---------------|---------------|
| Auto | 125 Ahrs | 250 Ahrs | 375 Ahrs | 500 Ahrs | 1000 Ahrs |
| Default - | | | | | > |

Battery Type

To optimize the battery charger's performance, you can specify the type of batteries that you are using: gel cell or liquid lead acid. The menu is shown below:



Charge Rate

You can specify the battery charger's maximum output current using the Charge Rate menu. The default rate is 100% of the inverter/charger's maximum charge rate. Consult your inverter/charger Owner's Manual for information specific to your system. The Charge Rate menu is shown below:



Vac Dropout

Your inverter/charger monitors the voltage level of the AC power supplied to it. You can select the AC voltage at which the inverter switches from AC power to DC power. This assures a continuous supply of quality alternating current to your electrical loads. The lower the settings you select, the less frequently you inverter will switch from AC to DC. The range is from 40 to 100 volts. The selections are shown below:

| Vac Dropout: |
|--------------|--------------|--------------|--------------|--------------|--------------|
| 40 Vac | 70 Vac | 75 Vac | 80 Vac | 85 Vac | 90 Vac |
| Default - | | | | | |

Shore Power Amps

The shore power amperage setting is selectable. Your inverter monitors the AC power being drawn by both the battery charger and the AC loads connected to the inverter. If the current draw approaches the circuit breaker's rating, the battery charger will reduce the amount of current going to the batteries. This control can also be used to prevent overloading of backup generators if they are used to charge the battery as well. Adjust this setting to match your generator's maximum continuous output. This is usually lower than the rating of the circuit breaker provided on the generator's output. The Shore Power Amps menu is shown below.



RC7 Setup

The RC7 LCD screen displays system status and error messages during normal operation. You can choose a rolling display that includes state-of-charge, time left to run,and time left to charge.

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Alternatively, you can choose the default system status message; any one of these, or a power saving option that shuts the LCD and LED display off after 5 minutes without a key press or a new error message. The default is the Last Key selection, which displays the last system status message that you select after you exit the Setup Menu. The RC7 Setup menu is shown below:

RC7 Setup:	RC7 Setup:	RC7 Setup:
Last Key	Power Saver	Rolling Display

LCD Contrast

This menu item enables you to adjust the contrast of the screen display to accommodate changing lighting conditions. Less contrast may be preferable in brighter lighting conditions. The default setting is Max Contrast. The menu selections are shown below:

| LCD Contrast: |
|---------------|---------------|---------------|---------------|---------------|---------------|
| Max Contrast | 87% | 62% | 50% | 12% | Min Contrast |
| Default – | | | | | |

External Shunt:

When two inverter/chargers are utilized in a system, an external shunt will be required in order for the fuel gauge feature of the RC7 remote control to give accurate information about the charge state of the battery bank. See your inverter/charger Owner's Manual for instructions on installing an external shunt. The External Shunt menu enables you to configure two RC7's for use with two inverter chargers. The RC7 connected to the external shunt becomes the 'fuel gauge' unit. Select the appropriate response from the following menu items:

External Shunt:	External Shunt:	External Shunt:
None	I his inverter	Other Inverter

Fuelgauge Cutout

Use the Fuelgauge Cutout menu to set the voltage that the battery manufacturer specifies or you define as zero per cent State of Charge (0% SOC) with no load. This is the voltage at which the battery has zero reserve amphours remaining. The fuel gauge meter uses this number to determine the 50% battery state-of-charge voltage. The factory setting is 11.4 volts. The menu selections are:



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RC7GS Setup Menu

The RC7 and RC7GS remote controls share the Setup Menu items described previously. The RC7GS (Generator Start) features several additional Setup Menu selections related to automatic generator starting, stopping, and quiet times.



Install the RC7GS as described earlier. Be sure the inverter/charger is disconnected from the AC power source and the On/Off switch on the inverter is in the Off position. Plug-in the RC7GS and turn the On/Off switch on the face of the inverter to the On position.

The LCD screen will first display the software version number (version 1.10 or better required for Genstart functions), recognize the inverter software (also version 1.10 or better required), and then momentarily display a reminder to set the clock: **"Set time to enable Auto Genset start and stop**." The message **"Waiting for AC**" will then be displayed. Connect the inverter to an AC source and proceed to configure the installation.

Set Clock

Many of the Genstart functions are time-of-day based, so the first task is to set the clock. The clock uses 24-hour 'military' time. The range is from 00:00 to 23:59.

- Press and hold both Setup buttons until the screen clears and the RC7GS emits a beep tone, then scroll down through the Setup menu until the Set Clock menu item is displayed:
- A flashing cursor will appear below and behind one of the hour (H) characters or one of the minute (M) characters on the display. Every eight (8) seconds the cursor will jump from beneath an hour digit to a minute digit or vice-versa unless the Settings key is pressed.

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When the cursor is under the hour character, press the Settings key to increment the hours. Repeat to set the minutes. Press and hold the Settings key to increment the values quickly, or press and release the settings key to increment the value by one unit.

Set Clk:	0-23:59
HH:MM	

Select Genset

After setting the RC7GS's internal clock, press the Up arrow key to display the Select Genset menu item. Press the Settings key until the name and model of your generator is displayed (not all generators are supported). Then press an arrow key to scroll to the next menu item. The menu selections are shown below:

Select Genset:	Select Genset:	Select Genset:)••••	Select Genset:
Onan QuietDiesel	Other 10	Other 20		Other 80
Default				

Generator Start

After set setting the clock and selecting a generator, you can set the parameters for automatically starting and stopping the genset based upon battery voltage or state-of-charge. Scroll through the Setup Menu until the Generator Start menu is displayed. Press the Settings key until the desired setting is displayed. Then go on to another menu. The setting will take effect 20 seconds after you exit the Setup Menu if no other action is taken.



The default generator Start selection is "**Manual (Push On)**". This setting disables all automatic start functions. Any other selection from the Generator start menu will enable the RC7GS to automatically start the generator based upon battery state-of-charge or voltage.

You can start or stop the generator set at any time by pressing the Down arrow key on the User Menu until the screen shown below is displayed, then pressing the On/Off button on the RC7GS faceplate until the generator starts or stops. Release the On/Off key as soon as the generator starts. If the inverter/charger senses an AC supply while the remote control On/Off button is pressed, it will shut down the generator.

ĺ	Gen Start/Stop:
ļ	Press (On/Off)

Generator Stop

You can configure the RC7GS to shut down the generator automatically when the batteries reach 90 to 99% SOC, or when the charger initiates the Absorption or the Float stage of charging. Refer to your inverter/charger Owner's Manual for a detailed discussion of charging stages. The Generator Stop menu selections are shown below; the default setting is 'Manual (Push Off)." You can stop the generator manually at any time by scrolling

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through the User menu until the screen shown above is displayed, and then pressing the On/Off button. Generator Stop options are shown below:

Generator Stop:	Generator Stop:	Generator Stop:	Generator Stop:	Generator Stop:	Generator Stop:
Manual (Push Off)	Auto at 90% SOC	Auto at 95% SOC	Auto at 99% SOC	Auto at Absorb	Auto at Float
Default —					

Begin Gen Quiet & End Gen Quiet

The RC7GS enables you to define a period of time during which the generator is prevented from starting automatically. You can specify the beginning and ending of this 'quiet' time. To specify a begin or end time, scroll to the Begin or End Gen Quiet menu item and set the time in the same way that you set the clock. See *Set Clock* above for specific directions. If the genset is running at the Begin Gen Quiet time, it will be shut down automatically. The two menu items are shown below:



Saving Your Setup Choices

Once you have completed the installation and setup of the RC7/GS, press and hold both the Up and the Down arrow keys simultaneously for five seconds or until the display clears. Your setup choices will be saved in non-volatile memory 20 seconds after you exit the Setup menu if no other actions are taken. Your selections will be preserved until you change them, even if you disconnect the RC7/GS from AC and/ or DC power.

RC7 & RC7GS System Status Displays

The RC7 & RC7GS remote controls enable you to monitor the operating mode and system status of your inverter/charger by lighting one or more of the LEDs located on the unit's faceplate and/or by displaying a message on the LCD. The four LEDs reflect the same information as the single LED on the inverter/charger.

There are four types of system messages:

- AC source messages
- Inverter messages
- Charger messages
- Error messages

AC Source Messages

AC source messages tell you if alternating current is present In addition, the RC7GS AC source messages describe the current activity, if any, of the generator.

Waiting for AC

Anytime the inverter is off and AC is not present, the LCD screen will display the message below. When an AC supply is available, another system status message will be displayed.

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System Status: Waiting for AC

Pending Genstart, Cranking Genset, and AC Available

These messages will be displayed whenever the RC7GS has been setup to start the generator at a specified condition, and that condition has arisen.

Genset Status:	Genset Status:	Genset Status:
Pending Genstart	Cranking Genset	AC Available

When the initiating condition (SOC or battery voltage) has occurred, the '**Pending Genstart**' message will be displayed for approximately two minutes awaiting a change in the condition or a manual override. If neither occurs, the RC7GS will attempt to start the generator and will display the '**Cranking Genset**' message.

When the generator starts, there will be a brief delay to allow the genset to reach operating speed and allow the inverter/charger to synchronize voltage with it; then the '**AC Available**' message will be displayed.

Starter Cooldown and Gen Won't Start

In the event the genset does not start within thirty-seconds, a two-minute starter cool-down period will occur and the '**Starter Cooldown**' message will be displayed after which another attempt to start the genset will occur. This cycle (cranking - cooldown - cranking) will repeat three more times for a total of four attempts to start the genset over a 12-minute period.



If the genset has not started after four attempts, the RC7GS will display the '**Gen Won't Start**" error message and the Error LED on the faceplate will be lighted red. No further attempts to start the genset will occur. Correct the generator starting problem and manually start the genset. You can reset it using the Setup menu by changing the GenStart option to 'Manual,'.

Gen Quiet Fault

Whenever the RC7GS Gen Start function is configured to Auto Start your generator under a specified condition and that condition occurs during the specified Gen Quiet period, the LCD will display the Gen Quiet Fault message, the Error LED will be lighted, and the remote control unit will emit a series of beeping sounds for up to five minutes or until the error condition is corrected (whichever occurs first). You can override the Gen Quiet period by resetting the Gen Quiet Begin and End time to 00:00. If the genset is manually started during the quiet time, it will be shut down automatically.

The Gen Quiet Fault error is reset automatically at the end of the quiet time if no other action is taken, and the Auto Genstart function will execute.

System Status: Gen Quiet Fault

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Inverter Mode Messages

When the inverter is On (no AC present), it is either inverting or it is testing the AC output circuits for loads that meet the Search Sense selection criteria (if Search Mode is selected). Search Mode reduces by about 90% the amount of energy required to operate the inverter while idling.

When the inverter is in Search Mode, the LCD will display the 'Searching' message shown below and the LED will be flashing slowly each time the unit probes the AC output circuit for a load. When the unit is inverting, the LCD will display the 'Inverting' message and the LED will be lighted steadily.

System Status:	System Status:
Searching	Inverting

Charger Mode Messages

Whenever AC power is available, the inverter/charger will automatically switch to charger mode. There are three separate charger modes: Bulk, Absorption, and Float. Consult your inverter/charger Owner's Manual for more information about these charging modes.

When the charger is charging in Bulk mode, the LCD will display the '**Bulk Charging**' message and the Charge LED will be lighted steadily.

When the charger is charging in Absorption mode, the LCD will display the '**Absorption Chg**' message, and the Charge LED will flash slowly. The Bat Full LED will be lighted steadily when the battery is 90 to 100% fully charged..

When the charger is charging in the Float mode, the LCD will display the 'Float Charging' message, the Charge LED will not be lighted, and the Bat Full LED will be lighted steadily.



Error Mode Messages

Your inverter/charger protects itself and your energy system from damage caused by overloading, high battery and internal temperatures, overcharging by an external source, and other problems. The RC7 and RC7GS report these conditions by lighting the Error LED, sounding an alarm buzzer for up to five minutes, and displaying an error message on the LCD suggesting the appropriate action to remedy the error condition. In most cases, the inverter/charger will shut down until the error condition is corrected.

Over Temperature

When this message is displayed, the inverter/charger transformer and power components have exceeded a safe operating temperature. Reduce the load on the inverter. When it has cooled, it will automatically reset and resume operating. If this condition occurs often, make sure the inverter is in a cool location, has adequate ventilation, and the cooling fan is operational.

System Status:	
Otemp/Less Load	

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Overload

When this message is displayed, the loads on the inverter/charger exceed the maximum power rating of the unit. Reduce the loads on the inverter and restart it.

System Status:
Oload/Less Load

High Battery Voltage

This message indicates that the battery voltage is too high. Turn off any other charging sources to allow the voltage level to drop. The inverter will automatically reset and resume operating when the battery reaches a safe voltage level. This condition will usually occur only when an additional charging source is used to charge your battery or battery bank.

System Status:
Hibat Stop Charge

Low Battery Voltage

The battery voltage has dropped below a safe level. The inverter/charger has shut off to prevent damage to the batteries. Provide an AC supply and the inverter/charger will automatically reset and start charging. This error will also occur with the RC7GS when the Auto Genstart function has been disabled, or the genset will not start.



Meters Display

The RC7 and RC7GS have built-in meters that enable you to monitor inverter charger activity. In order to view these meters, press and hold the Meter key (Up arrow key) for five seconds, or until the LCD clears. You can then scroll through the meters by pressing the Down arrow key. These meter displays are intended for and most useful to service technicians.

Average Shunt Amps

This meter displays the averaged current going through the internal shunt (external shunt if more than one inverter/charger is used) to and from the batteries.

Avg	Shunt Amps	
-/+	0 Amps DC	

Battery Voltage

Displays the current battery voltage level. This meter will be useful for checking the condition of the batteries or monitoring voltage levels under load.

Battery: 00.0 Volts DC

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Inverter-Charger Current

Displays the actual current (not an average) passing through the inverter to AC loads when an AC supply is available, or provided by the inverter when inverting.

Inv/Chg	Current:
+/- 0 Am	ps DC

AC Input Voltage

This meter displays the actual AC voltage and peak AC voltage supply to the inverter/charger, measured at the AC Input Hot 1 terminal.

AC Input		
000 Vac	000	Vpk

AC Output Voltage

Displays the actual AC Voltage output of the inverter/charger measured at the AC Output Hot 1 terminal.

AC Output:	
000 Vac	

AC Input Amps

Appears only on the RC7GS display. Measures the actual AC amperes passing through the AC Input Hot 1 terminal.



Pass Through Amps

Appears only on the RC7. Displays the actual AC amps passing through the inverter/charger when an external AC source is supplied. Measured at the AC Input Hot 1 terminal.

Pass-thru Amps: 0 Amps AC

Battery Temperature

This meter displays the external temperature of your battery or battery bank when equipped with a Battery Temperature Sensor (BTS). The scale is divided into counts, which do not directly correspond to the Fahrenheit or Celsius temperature scale. A higher reading indicates a lower temperature.



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Transformer Temperature

This meter displays the internal temperature of the inverter/charger's transformer. The scale is divided into counts, which do not directly correspond to the Fahrenheit or Celsius temperature scale. A higher reading indicates a lower temperature. This meter is useful to service technicians only.

Xformer Temp:	
000 counts	

FET Temperature

Displays the relative temperature of the Field Effect Transistors, which regulate the output waveform of the inverter. A higher reading indicates cooler temperatures. This meter is useful to factory technicians only.

FET Temp:	
000 counts	

Estimated Battery Capacity

This meter reports the estimated battery amp-hour capacity based upon the average amphours used, and the rate and duration of the charging cycles. Multiply the reading by eight to arrive at the approximate battery capacity. This is only an approximation, and it will become more accurate as the number of charge/discharge cycles increase.

Est. Bat. Cap:	
00 Amp-hrs(x8)	

Operating Display

Upon installation of the RC7 or RC7GS, the LCD screen will display general-purpose system-status messages. This is the screen that you return to upon exiting the Setup, Settings, or Meters menu. These operating messages monitor the battery state-of charge (SOC), time remaining to run, and time left to charge. It also provides the Gen Start/Stop switch. By pressing the Down arrow key, you can view each of these meters in the sequence in which they are discussed below.

Battery State of Charge

This meter displays the estimated State-of-Charge (SOC) of the battery or battery bank. The state of charge is based upon the estimated battery capacity. Because it is damaging to most batteries to discharge them to less than half of their capacity, this meter estimates the battery SOC at 0% when the battery amphours remaining has reached half of the estimated battery capacity. This prevents over-discharging and potential damage to the batteries.

Bat State Of Chg	Bat State Of Chg
00% of Full	EOOOOOF

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You can switch the meter display from a per-cent-of-capacity to a 'empty-full' bar graph scale, both illustrated above. To switch from one display to the other, just press the Settings key when the SOC meter is displayed.

Time Left to Run

This meter displays the estimated hours and tenths of hours (six minutes) that the batteries will support the present load before requiring charging.



Time Left to Charge

Displays the estimated hours and tenths of hours required to charge the batteries to full capacity.

Time Left toChg	
0.0 Hours	

Generator Start/Stop

You can manually start or stop the generator (RC7GS only) at anytime by scrolling the display to this item and then pressing the On/Off button on the RC7GS faceplate.

Gen Start/Stop:	
Press (On/Off)

Generator Connection Schematic Onan QuietDiesel - HDKAJ, HDKAK, 7.5/8/10 and 12.5kW



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Press and hold both Menu Item keys for 5 seconds Search Sense: About...5W load Search Sense Search Sense: Defeat Search Sense: Search Sense: .. 10W .. 40W > 40W Auto LBCO: Off Auto LBCO: On Bat Capacity: 250 Ahrs Bat Capacity: Bat Capacity: 125 Ahrs Bat Capacity: 375 Ahrs Bat Capacity: 500 Ahrs Bat Capacity: 1000 Ahrs Auto Battery Type: Gel Cell Battery Type: Liquid Lead Acid Charge Rate: 100% of max Charge Rate: 90% Charge Rate: Charge Rate: Charge Rate: 80% 20% 10% Vac Dropout: Vac Dropout: Vac Dropout: Vac Dropout: Vac Dropout: 85 Vac Vac Dropout: 40 Vac 70 Vac 75 Vac 80 Vac 90 Vac Shore Pwr Amps Shore Pwr Amps 25 a Shore Pwr Amps Shore Pwr Amps ► 30 a 5 a 20 a RC7 Setup: RC7 Setup: RC7 Setup: Last Key Power Saver Rolling Display LCD Contrast: LCD Contrast: LCD Contrast: LCD Contrast: Max Contrast 87% 12% Min Contrast External Shunt: External Shunt: This Inverter External Shunt: Other Inverter None Fuelgauge Cutout 9.5 VDC= 0% SOC Fuelgauge Cutout 10.3 VDC= 0% SOC Fuelgauge Cutout 11.7 VDC= 0% SOC Fuelgauge Cutout 11.8 VDC= 0% SOC ► Generator Start: Generator Start: Generator Start: Generator Start: Generator Start: Auto at 12.2 VDC Manual (Push On) Auto at 40% SOC Auto at 60% SOC Auto at 11.0 VDC Generator Stop: Manual (Push Off) Generator Stop: Auto at 90% SOC Generator Stop: Auto at 95% SOC Generator Stop: Auto at 99% SOC Generator Stop: Generator Stop: Auto at Absorb Auto at Float Begin Gen Quiet: HH:MM **RC7GS Only** End Gen Quiet: HH:MM Select Genset: Select Genset: Select Genset: Select Genset: Other 80 Onan QuietDiesel Other 10 Other 20 Set Clk: 0-23:59 HH:MM

RC7& RC7GS Set-up Menu

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System Status Messages



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