STORAGE BATTERY MAINTENANCE

**WARNING** - Before inspecting or servicing storage battery(s) read and follow battery manufacturer's cautions and directions.

The following suggestions plus those of the battery manufacturer will help keep your battery in good condition.

1. Maintain proper water level at all times.
2. When 120 VAC is connected to the power center, check water level at least once a week in hot weather or when battery is charged and discharged frequently.
3. If 120 VAC is not connected to the power center, it should be reconnected once a month for 8 hours to recharge battery.
4. If you store your battery outside of RV, a battery charger should be connected to it one a month to recharge battery.
5. Do not allow battery to remain in a discharged condition—it will become sulfated and will not accept a proper charge.

Some situations which may indicate need for battery replacement are:

1. Loss of more water in one cell than others.
2. Continuous loss of water in all cells—perhaps accompanied by overheating or extreme gassing and bubbling.
3. A marked difference in the specific gravity reading between cells.

**Warranty Statement**

Parallax warrants its products to be free from defects in material or workmanship under normal use and service and limits the remedies to repair or replacement.

This warranty extends for two years from the date of purchase and is valid only to the original owner and within the continental limits of the United States and Canada.

If a problem should occur with your Parallax converter within the first twenty-four months after purchase, please contact a dealer that handles warranty on your brand of RV. NO user serviceable parts inside.

Parallax Power Components, L.L.C.
112. E. Union St.
Goodland, IN 47948
(800) 443-4859

SERIES 7300

POWER CENTER
OWNER'S OPERATION/WARRANTY MANUAL

Congratulations on the purchase of your new RV. We hope you have many years of enjoyment. Your new RV is equipped with the latest, most advanced 120-volt to 12-volt power converter system available today. The Parallax 7300 series electronic switch mode power converters have been designed to give you many years of trouble-free service.

These revolutionary RV power converters utilize technology developed for power supplies in computers that eliminates the loud, inefficient power converters of yesteryear.

If you have any comments, contact Parallax's Customer Service Representative at the address, fax or phone number below.

Parallax Power Components, L.L.C.
112. E. Union St.
Goodland, IN 47948
(800) 443-4859
FAX. (219) 297-2305

51062351-000
Form 80058
Rev C
**Troubleshooting Guide**

**Series 7300**

**Objective:** The objective of this guide is to help direct your troubleshooting time to areas of the unit that will help you determine if the converter is functioning properly.

1. **No 12VDC output**
   - Check for blown 30 amp “main” fuses.
   - Are fuses blown?
     - No
     - Yes

2. **Check for reversed battery leads at the battery or at the “C” & “D” terminals of the DC fuse block.**
   - Battery + = “C”
   - Battery - = “D”
   - Is the wiring correct?
     - Yes
     - No

3. **Correct wiring to the battery & replace fuse(s) with same size and rating.**
   - Note: When replacing the two 30 amp “main” fuses, turn the power off to the converter.

4. **Unit works**

5. **Remove all fuses and check for 12 VDC at the fuse block.**
   - Voltage should be @ 13.65 – 14.2 VDC between the blue wire and the negative terminal on the fuse block.
   - Is the voltage correct?
     - No output
     - Not correct
     - Yes

6. **Unit is in over current mode.** There is a problem with either the battery or a connected load. Insert one fuse at a time to determine where the problem is. Over current mode is the condition where there is a load(s) connected to the converter that exceeds the current rating of the converter. This can either be a “short” in the coach wiring or just too many things on.
   - The output voltage will decrease as the current exceeds the rating of the converter.

7. **Check that all circuit breakers are in the “on” position.** The coach needs to be either plugged into shore power or running on a generator.
   - Check the converter for proper incoming AC voltage.
   - Incoming voltage should be between 105 and 130 VAC.
   - This should be checked on the appropriate circuit in the AC wiring compartment. Refer to the nameplate for circuit identification.

8. **AC voltage okay?**
   - Converter is defective.

9. **No 120 VAC present**
   - Correct the AC problem and recheck for proper 12 VDC output.
   - Unit works