

# AMERICAN ENTERPRISES., IND.

PMB 173-6433 Topanga Canyon Blvd  
Canoga Park, CA 91303

## Specification

### MODEL CS 1200XL

Input: 120 volts, 60 hertz, 6 amps  
Output: 12 volts, 12 amps  
Dimensions (H,W,D): 5.90", 10.43", 5.87"  
Faceplate: 6.89"×11.65"      Cut-out: 6.25"×10.58"  
Weight: 3.3 pounds  
Without Breakers  
ETL

### MODEL CS 2000XL

Input: 120 volts, 60 hertz, 8 amps  
Output: 12 volts, 20 amps  
Dimensions (H,W,D): 5.90", 10.43", 5.87"  
Faceplate: 6.89"×11.65"      Cut-out: 6.25"×10.58"  
Weight: 3.5 pounds  
Without Breakers  
ETL

### MODEL CS 3000XL

Input: 120 volts, 60 hertz, 8 amps  
Output: 12 volts, 30 amps  
Dimensions (H,W,D): 5.90", 10.43", 5.87"  
Faceplate: 6.89"×11.65"      Cut-out: 6.25"×10.58"  
Weight: 3.8 pounds  
Without Breakers  
ETL

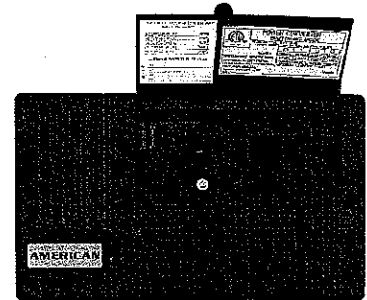
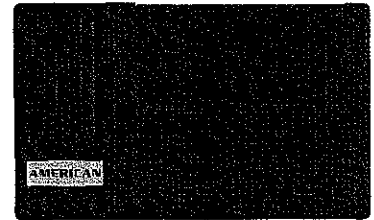
### MODEL CS 3500XL

Input: 120 volts, 60 hertz, 12 amps  
Output: 12 volts, 35 amps  
Dimensions (H,W,D): 5.90", 10.43", 5.87"  
Faceplate: 6.89"×11.65"      Cut-out: 6.25"×10.58"  
Weight: 3.8 pounds  
Without Breakers  
ETL

## CS-XL SERIES

Switching Power Converter

Owners' Manual



## **AMERICAN "CS-XL" SERIES MANUAL**

### **INTRODUCTION:**

The Electronic CS-XL Series power converters installed in your RV is the heart of the DC electrical system. It is approved by ETL and manufactured with pride by American. We are confident that it will give you outstanding performance for many years.

If you have any questions or comment about this product, please contact Centurion's customer service number listed under warranty.

### **GENERAL INFORMATION:**

The CS-XL Series converters is equipped with an automatic battery charger that will charge the RV battery while the converter is on, no user adjustments are necessary. The AUTO-RECOVERY, SHORT CIRCUIT AND OVER LOAD SHUT DOWN PROTECTION AND VARIABLE CONTROLLED SPEED FAN FEATURES, are exclusive of American. Patent and Copy Rights pending.

In the event that a short develops in the electrical system of the RV, the CS-XL series converter will give a LED light on indicating that a short has been detected. Immediately disconnect the last item and wait for the light off. Your CS-XL series converter, automatically will reset and start again. If the light on continues contact a qualified RV or electrical technician. In view that the CS-XL Series converters by American are fully electronic no special filters are required to operate any type of type of TV, Stereo or Computer equipment.

### **DC FUSES**

Fuse holders for replaceable automotive type fuses are Located on the upper centre of the face plate. Maximum fuse size and circuit identification are provided to the centre of the window cover.

### **WARRANTY STATEMENT**

American warrants each converter to be free from defects in materials or workmanship under normal use and service and limits the remedies to repair or replacement.

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

If a problem should occur with your converter within the first 12 months of purchase, please contact a dealer that handles warranty on your brand of RV. The warranty does not cover damage due to improper installation, abuse or accidents. CS-XL Series should be installed by a qualified electrician.

### **DO NOT DESTROY THIS MANUAL**

For future warranty reference, record:

Date of RV purchase \_\_\_\_\_

Converter Model# \_\_\_\_\_ Code \_\_\_\_\_

### **12 volt DC output distribution Panel to RV circuits:**

Lug A: Battery positive (and charger if applicable)

Lug B-G: Positive DC output B to G.

### **Mounting (all units)**

Horizontal mount only in a verticle plane, with the bottom edge of the 1"(one inch) above the floor for door opening clearance. Do not mount in compartment as batteries or flammable material such as gasoline.