



## **RV220-50-SP Instructions**

Thank you for purchasing the 50 amp Hughes Autoformer. This device is designed to help protect your RV from both damaging low voltage and high voltage spikes/surges. It also lets you know if the park power is safe.

### **How to use your Autoformer:**

1. Make sure the park power breaker is turned off.
2. Plug in your Autoformer and check for a snug fit with the park receptacle. If this connection is not snug, you may damage the plug because a loose connection will not let the current flow easily and may get excessively hot. See park management.
3. Turn on the breaker and check the LEDs on the front of the Autoformer. If lights 1-4 are green, you're good to go.  
**If any light is RED, do not plug in your RV.** Check with the park management to make sure the pedestal is correctly wired. Each red light indicates a different park power issue.
4. 1-4 green? Turn off the breaker. Plug the RV into the Autoformer. Switch on the breaker. Never plug the RV into a live receptacle.
5. Your Autoformer is now monitoring the park voltage. If voltage drops to 113 volts or below, the Autoformer will boost 10% and the boosting light will illuminate. The 50 amp circuit has two 120 volt lines. Only one line may need a boost. The Autoformer will continuously boost 10%. Once the park voltage rises to 115 volts or above, the boost mode will turn off.
6. The Autoformer is now ready to absorb any high voltage spikes that may threaten your RV appliances. In the unlikely event that all the surge capacity is used up, the green surge capacity light will turn RED. When this happens, contact Hughes at (888) 540-1504 for a replacement surge module.

***Happy travels and thank you for choosing Hughes Autoformers.***