



I used a 240 VAC 50 Amp plug from Ace Hardware and two Red & two Green 120 VAC indicator lamps from Radio Shack to build this test unit.

If **both green lights & both red lights** illuminate all is **OK** You have a true 50 Amp, 240 VAC service.

If **only The two red lights** illuminate **you Do Not have true 50 Amp service** You have 50 Amp, 120 VAC.

If **only The common red lights** illuminate **you Do Not have true 50 Amp service** and it is dangerous to use this service.

If **only The ground red lights** illuminate **you Do Not have true 50 Amp service** and it is dangerous to use this service.

50 Amp RV are wired to use 240VAC at 50 Amps this gives you the 120Vac at 100 amps total. If you are using a service that is 50 Amp 120VAC then you can only use 50 Amp total. If you exceed 50 Amp you can burn up the common (white) wire in your RV. I hope this will help you, if you have questions I can be reach [bill@billjudy.com](mailto:bill@billjudy.com) If you want to talk send me your number and I will call you as soon as I can.