

The following is from Anita Wooster. The Web Master has taken the liberty of expanding her original table of appliance current (Amps) consumption, used higher values to be conservative, where appropriate, and added a short explanation of surge current requirements for those appliance that contain a motor and/or compressor. Anita, I hope you will forgive me for being so bold as to change your original input. – Web Master

Here’s something I’m asked all the time:

Folks ask me all the time what they can run on 30 or 50 amp hookups so I decided to put together this list to help you all. It’s surprising how fast the amps add up and that causes the breaker to trip. Knowing what can be run will prevent that inconvenient “MY POWER WENT OUT” telephone call. So take a look and just see what can and can’t be used:

Typical RV Power Consumption Items		
(Note that the Watts and Amps below are typical. Some appliance may require more or less depending on their efficiency and size)		
<u>Appliance</u>	<u>Running Watts</u>	<u>Amps @ 115V</u>
AM/FM Cassette	8	0.1
Air Conditioner*		
Roof Top 13,500 BTU	1600	14
Roof Top 15,000 BTU	1700	14.5
Dual Basement 27,000 BTU	2000	18.5
Blender*	300	2.6
Blow Dryer (Hair)*	900-1500	7.8-13
Can Opener*	120-300	1.0-2.6
CD/DVD Player	35-100	0.3-0.9
Clock Radio	50	0.4
Coffee Maker (4 cup - 10 cup)	650-1200	5.7-10.4
Corn Popper	275-600	2.4-5.2
Computer (desk top)		
Desk Top & Monitor	100-400	0.9-3.5
Laptop	50-75	0.4-0.7
Printer	60 -240	0.5-2.1
Crockpot	250	2.2
Curling Iron	300-800	2.6-7.0
Electric Blanket	500	4.3

Electric Fry Pan	1200	10.4
Electric Water Heater (6 gallon)	1440	12.5
Fan	40-300	0.4-2.6
Furnace Fan *(1/3 HP)	1200	10.4
Heating Pad	250	2.2
Hot Plate	1200	10.4
Iron	1000-1500	8.7-13.0
Microwave (600 to 1000 W cooking power)	1100-2000	9.6-17.4
Mini Lights (Christmas Type - 50)	25	0.2
Power Converter	575-800	5.0-7.0
Refrigerator/Freezer*	400-1200	3.5-10.4
Satellite Dish & Receiver**	200-250	1.7-2.2
Shaver	35	0.3
Space Heater	1000-1500	8.7-13.0
Stereo	30-100	0.3-0.9
Toaster	800-1500	7.0-13.0
Toaster Oven	1200	10.4
TVs		
25" Color	300	2.6
19" Color	160	1.4
12" B&W	30	0.3
13" Color VCR Combo	230	2
Vacuum*	200-1100	1.7-9.6
VCR	40-60	0.3-0.5
Waffle Iron	1200	10.4
Washer/Dryer*	600-1900	5.2-16.5

**** Appliances with large motors/compressors may require 3 to 7 times the listed wattage/current when starting.***

Wow! You can see how fast these things add up. So the next time you find yourself without power check that breaker and take a quick inventory of just how many amps you're using. I bet you'll be surprised.