

RV Appliance Power Consumption

Guests routinely ask what they can run on 30 or 50 amp hookups. This list can help determine what wattage and amperage is being pulled by a device. It's surprising how fast the amps can add up that cause breakers to trip. Knowing what is running can help prevent a breaker from tripping.

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)

| Appliance | Running Watts | Amps @115v |
|----------------------------------|---------------|------------|
| AM/FM Cassette | 8 | .01 |
| 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 |

| Appliance | Running Watts | Amps @115v |
|---|---------------|------------|
| 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.