

AlpineSurvival.com Home Power Sizing Chart & Worksheet

Step 1 Complete the Power Demand Chart

Step 2 Complete the Total Weekly Amp Hours Calculation

Step 1 - Power Demand Chart All Amperage ratings are based on a 12 volt system

12 V Appliance	Amps	x Qty	X Hrs Run/Day	= Total Amps Per Day
10 Watt Lights	0.8			
15 Watt Lights	1.0			
Water Pump	4.0			
12 Volt TV	3.0			
12 Volt stereo	0.8			
Automatic Fan*	2.0			
Furnace*	8.0			
Propane Alarm	0.21	1	24	5

120 VAC Appliances - Using DC to AC Inverters

Appliance	Amps	x Qty	X Hrs Run/Day	= Total Amps Per Day
TV	5.0			
VCR or DVD	4.0			
Satellite Dish	5.0			
Microwave	100.0	1	.01	10.0
Toaster	65.0			
Coffee Maker	60.0			
Blender	12.0			
Computer	25.0			
Lap Top	5.0			
Total Amps Per Day				

* Fan and Furnace are not typically run at same time

Step 2 - Total Weekly Amps Calculation

Multiply total amps hours per day by the number of days per week. (i.e. weekend usage: multiply total amp hours X 2 days, full time usage: multiply total amp hours per day X 7 days)

_____ amps per day X _____ # days per week = _____ total Weekly Amps