How to Size a Go Power! Solar System or/Kit

1. Fill in quantity of items and # of hours each runs / day.

12 volt Appliances	Amps	x Qty.	x Hrs. Run/Day	= Total Amp Hours
10 watt light	0.8			
15 watt light	1.25			
Water pump	4			
12 volt TV	3			
DC fan	4			
Furnace fan	8			
12 volt stereo	0.8			
Refrigerator	0.4			
Propane alarm	0.21	1	24	
Other				

*Fan and furnace are not typically run at the same time

120 VAC Appliances - Using DC to AC Go Power!™ Inverters				
TV	4			
VCR	3			
Satellite dish	4			
Microwave	100			
Toaster	66			
Coffee maker	60			
Blender	12			
Computer	25			
Laptop computer	5			
Other				

* All amperage ratings are based on a 12 volt system.		Total amp hours per day	

Visit us at *gp*electric.com and use our online mobile power calculator tool to size your solar charging kit and inverter.

This interactive tool will provide you with Go Power! mobile power equipment recommendations based on your specific power usage.

2. Total Weekly Amps Calculation

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

_____ amps per day x _____ # of days of use per week = _____ total amps weekly.

Note: Typical power output is based on 6 hours charging per day and will vary at different times of the year, by location, and with varying weather conditions. To increase your weekly output, add a Go Power! Expansion Kit for additional amp hours.

3. Solar Power Output Chart

Match your local amp hours per week to the chart below:

Weekly Output Ahr / week	Model
71	GP-FLEX-30
92	GP-PSK-40
185	GP-PSK-80
196	URBAN CAMPER
229	RETREAT
236	GP-FLEX-100
281	GP-PSK-120
384	OVERLANDER
384	WEEKENDER
472	GP-FLEX-200
767	SOLAR ELITE
1151	SOLAR EXTREME

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