

**Solarponics
Home Appliance
Consumption Table**

Appliance	watts	# of appliance	amps/appliance	total amps
kitchen				
blender	500		4	
can opener	150		1.25	
coffee machine	1000		8.3	
dishwasher	1200, 1500		10	
freezer upright - 15 cu ft.	1240		10.3	
freezer chest - 15 cu ft.	1080		9	
fridge 16 cu ft.	1200		10	
fridge 20 cu ft.	1411		11.6	
garbage disposal	450		4	
electric kettle	1200		10	
microwave	1000		8	
oven, electric	1200		10	
toaster	850		7	
toaster oven	1200		10	
mixer	300		2.5	
heating/cooling				
box fan	200		1.6	
ceiling fan	120		1	
central air - 24k BTU	3800		31.7	
central air - 10k BUT	3250		27	
furnace blower	800		6.7	
space heater	1500		12.5	
tankless water heater - electric	18,000		75 @ 240 volts	
water heater - electric	4500		19 @ 240 volts	
window AC 10k BTU	900		7.5	
window AC 12k BTU	1440		12	
well pump - 1/3 hp	750		6.25	
Laundry				
clothes dryer - electric	3000		12 @ 240 volts	
clothes dryer - gas	1800		15	
clothes washer	800		6.7	
iron	1200		10	
Living Room				

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blue ray player	15		0.125	
cable box	35		0.3	
DVD player	15		0.125	
TV - LCD	150		1.25	
TV - Plasma	200		1.6	
satellite dish	25		0.2	
stereo receiver	450		3.75	
video game console	150		1.25	
Lights				
CFL bulb - 40 watt eq.	11		0.125	
CFL bulb - 60 watt eq.	18		0.13	
CFL bulb - 75 watt eq.	20		0.16	
CFL bulb - 100 watt eq.	30		0.3	
compact fluorescent 20 w	22		0.2	
compact fluorescent 25 w	28		0.2	
halogen 40 w	40		0.3	
incandescent 50 w	50		0.4	
incandescent 100 w	100		0.8	
LED bulb 40 w eq.	10		0.125	
LED bulb 60 w eq.	13		0.1	
LED bulb 75 w eq.	18		0.13	
LED bulb 100 w eq.	23		0.19	
office	1500		12.5	
desktop computer	200		1.6	
desktop computer (gaming)	500		4.1	
laptop	100		0.8	
LCD monitor	100		0.8	
modem	7		0.06	
paper shredder	150		1.25	
printer	100		0.9	
router	7		0.06	
smart phone - recharge	6		0.06	
tablet - recharge	8		0.07	
tools				
band saw	1100		9.2	
belt sander	1000		8.3	
chain saw - electric	1100		9.1	
circular saw - 7 1/4"	900		7.5	
disc sander	1200		10	
drill 1/2"	750		6.25	
shop vac	1440		12.4	
jig saw	700		5.8	
misc.	1500		12.5	
clock radio	7		0.06	
curling iron	150		1.25	
dehumidifier	280		2.3	
electric shaver	15		0.1	

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electric blanket	200		1.6	
hair dryer	1500		12.5	
vacuum	1000		8.3	
router	7		0.06	
smart phone - recharge	6		0.06	
tablet - recharge	8		0.06	
acquarium	50 - 1000		8.3	
hot plate	750 - 1500		12.5	
waffle iron	750 - 1500		12.5	