SUN REAL Renewable Energy Systems

PO Box 924 Wangaratta VIC 3673 03 5768 2248 www.sunreal.com.au

Power Usage Calculator

Name: **Date:**

EXAMPLE	WATTS	X HRS/DAY	= WATT/HRS
Appliance	WATTS	HRS/DAY	WATT/HRS
Kitchen light 1	15	3.00	45.00
Kitchen light 2	15	2.00	30.00
Living Room light	18	5.00	90.00
Bedroom light	13	1.50	19.50
Television	80	2.00	160.00
Computer	200	2.50	500.00
Water Pump	70	1.50	105.00
Washing Machine	600	0.50	300.00
TOTAL	1011		1249.50

Your appliances	Watts	Hrs/Day	Watt Hrs
TOTAL			

This calculator is used to give us an indication of the average amount of energy you do (or will) use each day. By listing all your appliances, lights and other items that use electrical power, we can design a system for you that will meet that requirement. We are happy to go through this process with you to help you determine your daily energy requirements.

The “Hrs/Day” is the total time you would expect to use the appliance on one day. If it is something like a washing machine that you may not use every day then you can take an average of the amount of weekly use.

For example, you do 3 loads of washing a week, each one taking 1 hour so the total hours per week is 3. Daily average is 3 hours divided by seven days. 3/7 = 0.43 hours/day. We would round this off to half an hour per day.

SOME TYPICAL POWER RATINGS

Compact fluorescent lights: 8-20W
Computer: 50-650W
Television: 75 -200W
VCR: 25 - 50W
Food Processor: 350-550W
Radio: 10W
Stereo: 50-150W
Washing Machine: 160-600W
Sewing Machine: 100W
Exhaust Fan: 75W
Hair Dryer: 1200W
Vacuum Cleaner: 800 -1600W
Microwave: 750-1200W
Water Pump: 100-600W