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See Below For
Instructions

VESSEL ENERGY USAGE ESTIMATOR (12V System) for 24 Hr period

*Hqt 'C'46X'U{ uwgo 'F k&lf g'Vj g'C/J tu'D{ '4+'

Equipment	Amps	At Anchor		At Sail	
		Hours Used	A-Hrs	Hours Used	A-Hrs
Anchor Light (LED)					
Tri-color Masthead (LED)					
Running Lights (LED)					
Bilge Pump					
VHF - receive					
VHF – transmit					
Radar					
SSB Radio - receive					
SSB Radio - transmit					
Depth Sounder					
Wind Instrument					
Autopilot					
AIS w / transmitter					
Plotter					
Watermaker					
Anchor Windlass					
Cabin Lights (4-LED)					
Chart Light					
Cabin Fan					
Marine Stereo					
Pressure Water					
Electric Refrigerator					
Microwave*					
Coffee Maker*					
Hair Dryer 750w*					
Blender*					
Food Processor*					
Color TV (19")*					
DVD/VCR*					
1/4" Drill*					
750 CFM Fan*					
PC*					
* Through inverter		Total at Anchor		Total at Sail	

Instructions For Using The Vessel Energy Usage Estimator Worksheet

Open worksheet on your PC or tablet. You can use the default amperage rating for the equipment listed or if you have amperage ratings of the specific equipment on board your vessel, change the amperage listed in the worksheet.

Fill in the hours used for each item over a 24 hour period. There is two columns that need to be filled in, the hours used while “**at anchor**”, and the hours used while “**at sail**”.

The worksheet will automatically calculate the total amp hours for each condition while on board the boat allowing you to determine the energy usage for your vessel. With this information at hand, you can confidently size the battery bank and renewable energy equipment needed to support your live aboard lifestyle.