

House Bank Load Calculator and System Requirements				
System	In Use	Amps	Avg Hrs Per Day	Amp-Hrs Per Day
Freezer	☒	5.0	24.0	120.0
Bilge Pump	☒	5.0	0.1	0.5
Fresh Water Pump	☒	5.0	0.5	2.5
Shower Pump	☒	8.0	0.2	1.6
Macerator	☒	16.0	0.1	1.6
small fridge	☒	0.6	24.0	14.4
VHF Radio	☒	0.2	8.0	1.6
GPS/Chartplotter	☒	0.6	12.0	7.2
Radar	☐	2.8	4.0	
Autopilot	☒	1.5	5.0	7.5
Nav Inst .14 ea	☒	0.4	12.0	5.0
Running Lights	☒	0.4	2.0	0.8
Engine Instruments	☒	0.1	2.0	0.2
Anchor Light	☒	0.1	13.0	1.3
Cabin Lights .2 ea	☒	0.8	4.0	3.2
Heater, incl. fans	☒	2.0	5.0	10.0
TV	☒	4.0	4.0	16.0
Radio/dvd player	☒	5.0	5.0	25.0
Small Inverter	☒	15.0	4.0	60.0
Watermaker	☐	9.0	4.0	
Solar Panels (240W)	☐	-13.7	5.0	
Wind Gen. @ 10 mph	☐	-11.4	8.0	
Eng Alternator (80 A)	☐	-40.0	2.0	
Battery Charger	☐			
		CONSUMPTION:	Peak Amps:	278.4
			Peak Watts:	3,341.3
			Ah per Day:	278.4
		SUPPLY:	Ah per Day:	0.0



