

DC Appliance Power demand

Example 1

	<u>Drain</u>	<u>Qty</u>	<u>Hours/day</u>	<u>Total</u>
Incandescent lights	1.5 amps	2	4	12Ah
Fluorescent lights	2.0 amps			
Water Pump	4.0 amps	1	0.5	0.5Ah
TV (12V)	3.0 amps	1	2	6.0Ah
Roof fan	4.0 amps	1	4	16Ah
Furnace	8.0 amps			
Stereo (12V)	0.8 amps	1	8	6.4Ah
Propane Alarm	0.2 amps	1	24	4.8Ah
Propane Refrigerator	0.4amps	1	24	9.6Ah
			<u>Total</u>	<u>55.3Ah</u>

DC Appliance Power demand

Example 2

	<u>Drain</u>	<u>Qty</u>	<u>Hours/day</u>	<u>Total</u>
Incandescent lights	1.5 amps	4	4	24Ah
Fluorescent lights	2.0 amps			
Water Pump	4.0 amps	1	0.5	0.5Ah
TV (12V)	3.0 amps	1	4	12Ah
Roof fan	4.0 amps			
Furnace	8.0 amps	1	4	32Ah
Stereo (12V)	0.8 amps	1	8	6.4Ah
Propane Alarm	0.2 amps	1	24	4.8Ah
Propane Refrigerator	0.4amps	1	24	9.6Ah
			<u>Total</u>	<u>89.3Ah</u>

AC/DC Appliance Power demand

RV's with Inverters

Example 3

	<u>Drain</u>	<u>Qty</u>	<u>Hours/day</u>	<u>Total</u>
Incandescent lights (12V)	1.5 amps	2	4	12Ah
Fluorescent lights (12V)	2.0 amps			
Water Pump	4.0 amps	1	0.5	0.5Ah
TV (12V)	3.0 amps			
Roof fan (12V)	4.0 amps	1	4	16Ah
Furnace (12V)	8.0 amps			
Stereo (12V)	0.8 amps	1	8	6.4Ah
Propane Alarm	0.2 amps	1	24	4.8Ah
Propane Refrigerator	0.4amps	1	24	9.6Ah
TV (120V)	1.0 amps (x10)	1	4	40Ah
Satellite RX (120V)	0.4amps (x10)	1	4	16Ah
Microwave (120V)	10amps (x10)	1	.16	16Ah
Toaster (120V)	7 amps (x10)	1	.16	11.2Ah
Coffee Maker (120V)	7amps (x10)	1	.16	11.2Ah
Laptop Computer (120V)	.5amps (x10)	1	2	10Ah
Inverter Overhead (12V)	6 amps	1	4	24Ah
			<u>Total</u>	<u>177.7Ah</u>

80 watt unit produces about 35ah/day.

120 watt unit produces about 56ah/day.