

**iO64RD Addressable Fire Alarm System
51 Baxter Street
Portland, Maine 04101**

BATTERY STANDBY CALCULATIONS - Fire Alarm Control Panel

QTY	Model #	Description	Quiescent Current	Alarm Current	Total Quiescent	Total Alarm
1	iO64RD	Base Panel *	0.155000	0.204000	0.155000	0.204000 Amp
1	SA-232	Serial Communications Card	0.013000	0.013000	0.013000	0.013000 Amp
1	SA-DACT	Two Line Dialer	0.041000	0.041000	0.041000	0.041000 Amp
1	RLCD-CR	Remote Annunciator w/ Controls	0.099000	0.115000	0.099000	0.115000 Amp
2	G1F-VM	Strobe Only Unit - 15cd	0.000000	0.071000	0.000000	0.142000 Amp
3	G1F- HDVM	Horn Strobe Unit - 15cd	0.000000	0.088000	0.000000	0.264000 Amp
1	G1F- HDVM	Horn Strobe Unit - 75cd	0.000000	0.193000	0.000000	0.193000 Amp
3	G1F- HDVM	Horn Strobe Unit - 110cd	0.000000	0.248000	0.000000	0.744000 Amp

0.308000 1.716000

* Based on a fully loaded loop of 64 devices.

Total Quiescent x Time Required (24 Hours):	7.392	Ah
Total Alarm x Time Required (15 Minutes):	0.429	Ah
Total Battery Required:	7.821	Ah
Total Battery Required (+) 20% Spare Capacity:	9.3852	Ah
Battery Supplied:	18	Ah

Actual Devices: 8 total (88% Spare)