

iO64RD Addressable Fire Alarm System
Infinity Credit Union
29 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
3	G1F-VM (15cd)	Strobe Only Unit - White - Wall Mount	0.000000	0.071000	0.000000	0.213000 Amp
9	G1F- HDVM (15cd)	Horn Strobe Unit - White - Wall Mount	0.000000	0.088000	0.000000	0.792000 Amp
3	G1F-HDVM (30cd)	Horn Strobe Unit - White - Wall Mount	0.000000	0.109000	0.000000	0.327000 Amp

0.308000 1.705000

* 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):

0.42625

Ah

Total Battery Required:

7.81825 Ah

Total Battery Required (+) 20% Spare Capacity:

9.3819 Ah

Battery Supplied:

18 Ah

Actual Devices: 31 ((52% Spare)

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