

iO500RD Addressable Fire Alarm System
161 Marginal Way
Portland, Maine

BATTERY STANDBY CALCULATIONS - Fire Alarm Control Panel

QTY	Model #	Description	Quiescent Current	Alarm Current	Total Quiescent	Total Alarm
1	iO500RD	Base Panel *	0.171001	0.267000	0.171001	0.267000 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
					<u>0.324001</u>	<u>0.436000</u>
* Based on a fully loaded loop of 250 devices.			Total Quiescent x Time Required (24 Hours):		7.776012	Ah
			Total Alarm x Time Required (15 Minutes):			0.109 Ah
			Total Battery Required:			7.885012 Ah
			Total Battery Required (+) 20% Spare Capacity:			9.4620144 Ah
			Battery Supplied:			18 Ah