

iO1000RD Addressable Fire Alarm System
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BATTERY STANDBY CALCULATIONS (Existing Fire Alarm Panel)

QTY	Model #	Description	Quiescent Current	Alarm Current	Total Quiescent	Total Alarm		
1	iO1000RD	Base Panel*	0.172000	0.267000	0.172000	0.267000	Amp	
1	SA-232	Serial Communications Card	0.013000	0.020000	0.013000	0.020000	Amp	
1	SA-DACT	Digital Dialer	0.041000	0.041000	0.041000	0.041000	Amp	
1	495S-1280R	Exterior Beacon	0.000000	0.350000	0.000000	0.350000	Amp	
					0.000000	0.000000	Amp	
					Total	0.226000	0.678000	Amp
Total Quiescent x Time Required (24 Hours):					5.424		Ah	
Total Alarm x Time Required (15 Minutes):						0.1695	Ah	
Total Battery Required:						5.5935	Ah	
Total Battery Required + 25%:						6.992	Ah	
Battery Supplied:						7.2	Ah	

* Fully Loaded (250 devices)