

Alarm Systems Battery Calculation

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Date:

Project name:

• **Used Equipment :**

1. Zeta 16 zone control panel.
2. Zeta Detectors , bells & manual call points.

<i>Item</i>	<i>Description</i>	<i>Model</i>	<i>Quantity</i>	<i>Standby current (mA)</i>	<i>Alarm current (mA)</i>	<i>Total Standby (mA)</i>	<i>Total Alarm (mA)</i>
1.	16 zone Zeta	Precept 16	1	230	355	230	355
2.	Ion smoke detector	FX221	99	0.05	10	4.95	990
3.	Heat detector	FX224	93	75	100		
4.	Photo detector	FX223		.075	10		
5.	Call point	FX201	25	-----	.05		
6.	Bells	FV006	20	-----	25		
A.	Total Standby Current						
B.	Total Alarm Current						

$$1. \text{ Standby current (mA)} = A * 24 H$$

$$=$$

$$2. \text{ Alarm current (mA)} = B * .5 H$$

$$=$$

$$3. \text{ Battery capacity (AH)} = 1.2(1 + 2)$$

$$= 1.2 ($$