NOTIFIER by Honeywell

System Power Requirements

Notifier NFS2-3030 Fire Alarm Control Panel

Protected Premises:	Maine Medical Brighton Campus			Date:	1/2/2014
Address:	335 Brighton Ave				
City:	Portland	State:	ME	Zip:	04102
Prepared By:	Norris Inc.			Phone:	207-883-3473
Address:	2257 Broadway			Email:	
City:	South Portland	State:	ME	Zip:	04106

AC Branch Current Requirements

4.50 AMPS @ 120 VAC

Current required by source to power the fire alarm system.

Primary Standby Load

2.71 Amps

Current load on the primary power supply during **non-alarm** conditions.

Primary Alarm Load

2.57 Amps

Current load on the primary power supply during **alarm** conditions.

Secondary Load Requirements

77.58 Amp Hours

Total Secondary Load from the calculation table below.

Current Draw		Time (hours)	Total (AH)
Secondary Standby Load 2.685 A	x	Required Standby Time 24 hours	64.43
Secondary Alarm Load 2.570 A	x	Required Alarm Time 0.084 hours	0.22
		Total Secondary Load	64.65
		Derating factor	x 1.2
		Secondary Load Requirements	**77.58** AH

Battery Selection

100 Amp Hours

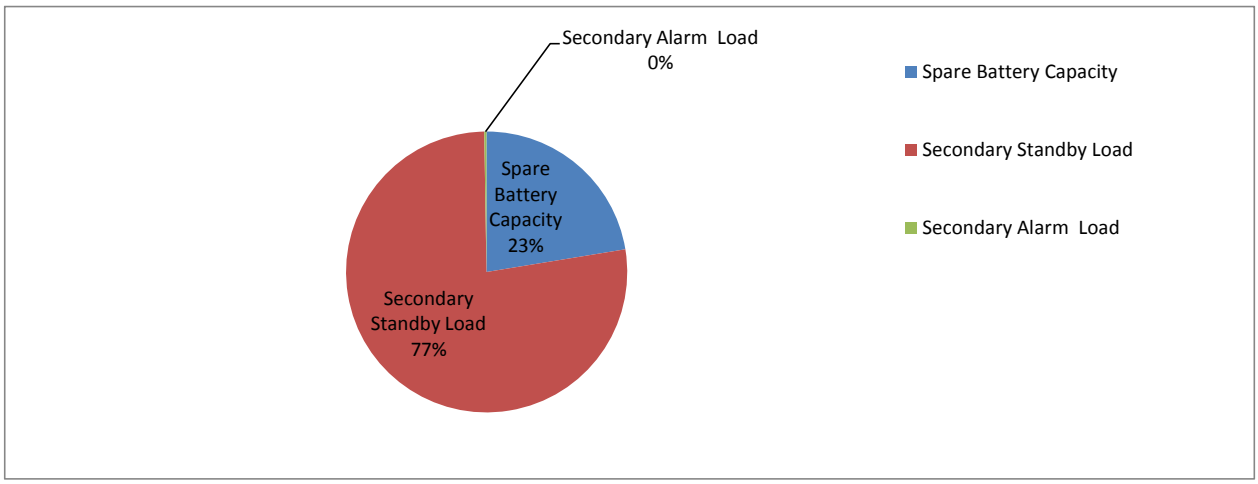
Select batteries from the list below.

100 AH BAT-121000 Battery (12 volt)

(•) Two ( ) Four (two 12VDC sets in parallel)

Battery Distribution Chart

Shows amp-hour distribution of your selections.



Comments

1. Battery size exceeds FACP capacity. BB-55 or other external battery box
2. Selected battery size meets secondary load requirements.
3. The selected batteries (100AH) are within the charger range of this power supply (55-200AH).

Spare Battery Capacity	22.42	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	77.32	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.26	Secondary Alarm Load (AH) * Derating Factor