NOTIFIER by Honeywell

System Power Requirements

Notifier NFS2-3030 Fire Alarm Control Panel

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 02/09/16

Protected Premises: The Park Danforth
Address: 777 Stevens Avenue
City: Portland State: ME Zip: 04103

Prepared By: Norris Inc. Phone: 207-883-3473
Address: 2257 Broadway Email:
City: South Portland State: ME Zip: 04106

AC Branch Current Requirements

5.00 AMPS @ 120 VAC

Current required by source to power the fire alarm system.

Primary Standby Load

1.92 Amps

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

Primary Alarm Load

1.92 Amps

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

Secondary Load Requirements

59.28 Amp Hours

Total Secondary Load from the calculation table below.

Current Draw		Time (hours)	Total (AH)
Secondary Standby Load 2.051 A	x	Required Standby Time 24 hours	49.23
Secondary Alarm Load 2.052 A	x	Required Alarm Time 0.084 hours	0.17
		Total Secondary Load	49.40
		Derating factor	x 1.2
		Secondary Load Requirements	**59.28** AH

Battery Selection

60 Amp Hours

Select batteries from the list below.

60 AH CUSTOM BATTERY (12 volt)

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

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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 (60AH) are within the charger range of this power supply (12-60AH).

Spare Battery Capacity	0.72	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	59.07	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.21	Secondary Alarm Load (AH) * Derating Factor