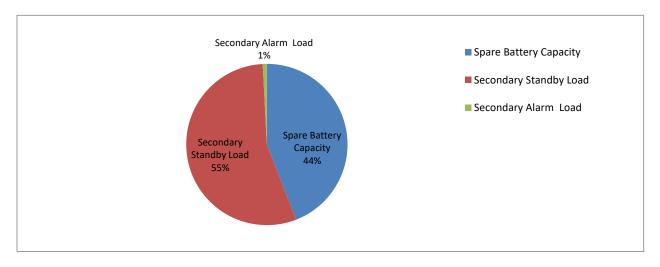
System Power Requirements NFW2-100 Fire Alarm Control Panel					
Protected Premises: <u>Carleton Street Senior Ho</u>		ior Housing	Date: <u>6/6/2017</u>	Date: <u>6/6/2017</u>	
Address: City:	17 Carleton Street Portland	State: ME	Zip: <u>04102</u>		
Prepared By:	Norris Inc		Phone: 207-883-3	3473	
Address:	2257 Broadway	E	mail:		
City:	South Portland	State: ME	Zip: <u>04106</u>		
system. Primary Sta	ndby Load	0.11 Amps			
-	the primary power supply du				
ion-alarm con		inng			
oon-alarm _{con} Primary Ala	ditions.	0.70 Amps			
Primary Ala	ditions. r m Load h the primary power supply du	0.70 Amps			
Primary Ala Current load or Ilarm condition	ditions. rm Load In the primary power supply duns. Load Requirements	o.70 Amps Iring 6.71 Amp Hours			
Primary Ala Current load or Ilarm condition	ditions. rm Load h the primary power supply duns.	o.70 Amps Iring 6.71 Amp Hours			
Primary Alar Current load or Ilarm condition Secondary L Total Secondar	ditions. rm Load In the primary power supply du ns. Load Requirements ry Load from the calculation ta Current Draw	0.70 Amps Iring 6.71 Amp Hours able below. Time	(hours) Total ((AH)	
Primary Alar Current load or Ilarm condition Secondary L Total Secondar	ditions. rm Load In the primary power supply du is. Load Requirements ry Load from the calculation ta Current Draw Condary Standby Load	0.70 Amps uring 6.71 Amp Hours able below. Time Required	Standby Time		
Primary Ala Current load or Ilarm condition Secondary L Total Secondar Sec	ditions. rm Load in the primary power supply du ins. Load Requirements ry Load from the calculation ta Current Draw Condary Standby Load 0.229 A	0.70 Amps uring 6.71 Amp Hours able below. Time X Required 24	Standby Time hours 5.51		
Primary Ala Current load or Ilarm condition Secondary L Total Secondar Sec	ditions. rm Load in the primary power supply du ins. Load Requirements ry Load from the calculation ta Current Draw condary Standby Load 0.229 A econdary Alarm Load	0.70 Amps uring 6.71 Amp Hours able below. Time X Required Ala X Required Ala	Standby Time hours 5.51 Irm Time (hours)		
Primary Ala Current load or Ilarm condition Secondary L Total Secondar Sec	ditions. rm Load in the primary power supply du ins. Load Requirements ry Load from the calculation ta Current Draw Condary Standby Load 0.229 A	0.70 Amps able below. Amp Hours x Required x 24 x Required Ala 0.08	Standby Time hours 5.51 Irm Time (hours) 4 hours 0.08	1	
Primary Ala Current load or Ilarm condition Secondary L Total Secondar Sec	ditions. rm Load in the primary power supply du ins. Load Requirements ry Load from the calculation ta Current Draw condary Standby Load 0.229 A econdary Alarm Load	0.70 Amps able below. Amp Hours x Required x 24 x Required Ala 0.08	Standby Timehours5.51Irm Time (hours)4 hours0.08I Secondary Load5.59	3	
Primary Ala Current load or Ilarm condition Secondary L Total Secondar Sec	ditions. rm Load in the primary power supply du ins. Load Requirements ry Load from the calculation ta Current Draw condary Standby Load 0.229 A econdary Alarm Load	0.70 Amps able below. Amp Hours Amp Hours	Standby Time hours 5.51 Irm Time (hours) 4 hours 0.08	1 3 9 2	
Primary Ala Current load or Marm condition Secondary L Total Secondar Secondar Secondar	ditions. rm Load In the primary power supply dunts. Load Requirements ry Load from the calculation ta Current Draw Condary Standby Load 0.229 A econdary Alarm Load 0.977 A	0.70 Amps and Amp Hours able below. X Required Ala X 0.08 Tota Secondary Loa	Standby Timehours5.51Irm Time (hours)4 hours0.08I Secondary Load5.59Derating factorx 1.2	1 3 9 2	
Primary Ala Current load or Ilarm condition Secondary L Total Secondar Secondar Secondary L Secondary L Secondary L Secondary L Secondary L Secondary L Secondary L Secondary L	ditions. rm Load In the primary power supply dunts. Load Requirements ry Load from the calculation ta Current Draw Condary Standby Load 0.229 A econdary Alarm Load 0.977 A	0.70 Amps able below. Amp Hours Amp Hours	Standby Timehours5.51Irm Time (hours)4 hours0.08I Secondary Load5.59Derating factorx 1.2	1 3 9 2	

Battery Distribution Chart

Shows amp-hour distribution of your selections.



Comments

- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (12AH) are within the charger range of this power supply (7-18AH).

Spare Battery Capacity	5.29	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	6.61	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.10	Secondary Alarm Load (AH) * Derating Factor