FC922/FC924 Battery Calc Sheet
Version 1.2

	Enter value
	Select choice
	Fixed
	Calculated

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/30/15

Ref. No.
Submitted By: CRM
Project Name: WCSH 6 News Building
Project Location: Portland, ME
Panel Location: IT Room
Node No: **Date:** 3/23/15

Module	Description	Module Feature	Qty	Standby Current	Alarm Current
FCM2018-U3	Standard Operating Unit		1	0.125	0.125
FCM2019-U3	Enhanced Operating Unit With LED zones			0.000	0.000
		LED zones			
FCI2016-U1	252 pt Periphery Board		1	0.115	0.115
		SLC load		0.076	0.076
		NAC load	2		3.000
		Aux power load			
		Bell Follower	No	0.000	0.000
FCI2017-U1	504 pt Periphery Board			0.000	0.000
		SLC load			
		NAC load			
		Aux power load		0.000	0.000
		Bell Follower	No	0.000	0.000
FCI2011-U1	NAC expander	Yes	1	0.025	0.025
		NAC load	2		3.000
XCI2001-U1	Releasing module	No	0	0.000	0.000
		Releasing load			
FCI2020-U1	City Tie/Leased Line module	Not Installed		0.000	0.000
FN2001-A1	SafeDLink Network module			0.000	0.000
FCA2016-U1	RS-485 module		1	0.055	0.055
FN2006-U1	Single-mode fiber module			0.000	0.000
FN2007-U1	Multi-mode fiber module			0.000	0.000
FT2014-xx	Remote annunciator - display			0.000	0.000
FT2015-xx	Remote annunciator - control		1	0.034	0.034
FTI2001-A1	Network terminal board			0.000	0.000
FCM2023-U3	LED expansion module			0.000	0.000
		LED zones		0.000	0.000
FCA2015-U1	DACT		1	0.025	0.025
FCA2018-U1	Remote printer module			0.000	0.000

Devices	Description	Qty	Stdby/Alm		
HFP-11 / 8713	Photo-thermal detector		0.00000	1.4 mA per device	
HFPO-11 / 8710	Photo detector		0.00000	1.4 mA per device	
HFPT-11 / 8712	Thermal detector		0.00000	1.4 mA per device	
OOHC941	Dual optical/thermal/CO detector		0.00000	0.75 mA per device	
OOH941	Dual optical/thermal detector	11	0.00748	0.68 mA per device	
OH921	Photo-thermal detector	122	0.03416	0.28 mA per device	
OP921	Photo detector		0.00000	0.28 mA per device	
HI921	Thermal detector	18	0.00504	0.28 mA per device	
FDCIO422	4-input/4-output module		0.00000	1.0 mA per device	
HMS / 8700-S-D-M	Manual station	15	0.02100	1.4 mA per device	
HTRI-S / 8702	Single input module	2	0.00280	1.4 mA per device	
HTRI-D / 8703	Dual input module		0.00000	1.4 mA per device	
HTRI-R / 8704	Singl input/single relay module	4	0.00560	1.4 mA per device	
HZM / 8705	Conventional zone module		0.00000	1.4 mA per device	
HCP / 8706	Addressable control point		0.00000	1.4 mA per device	
ILED / 8726	Intelligent LED		0.00000	1.4 mA per device	
Total		172	0.076	(included above)	**System OK**

Total Current		0.455	6.455	**Use 300W power supply**
Standby Time (hrs)	24	10.92		
Alarm Time (min)	5		0.54	
AH required (no reserve)			11.46	
Battery Reserve	125%			
AH Required (with reserve)			14.32	**System OK**
Battery Size Provided	18 AH			