

BaucomBusinessPlazaS1 - Battery Calculation Report

PANEL INFORMATION

Panel Type	ES-50XP
No. of Loops	1
No. of Devices	4
Status	✔ PASS

BATTERY & CHARGER REQUIREMENT

Normal Operation	24 Hours	BAT-12120	12Ah	7.379Ah	BB-17F
In Alarm	5 Mins	Suggested Battery	Suggested Capacity	Required Capacity	Suggested Batt. Box
Standby/Quiescent Load			Alarm Load		
Standby Load Current	x	Panel in Normal Operation (In hours)	In Alarm Load Current(In Amps)	x	Panel In Alarm(In Hours)
0.243		24 = 5.832 Ah	0.857		0.083(5mins) = 0.071Ah
					Total Current Load = 5.903Ah
					Multiply with derating factor = x1.25
					Adding with spare capacity = N/A
					Total AH required = 7.379 Ah

LOOP1 DETAILS

Number of devices	4	2.1 mA Consumed	1.1%
			100%
		0%	

PANEL MODULES & CIRCUITS

No. of Modules & Circuits	3	857 mA Consumed	12.2%
			100%
		0%	

Device Name	Quantity	Quiescent/Stand By (mA)	Alarms (mA)
Main Circuit Board	1	141	257
CLSS PATHWAY PRO	1	100	100

Loop Details

Loop1			
Device Name	Quantity	Quiescent/Stand By (mA)	Alarms (mA)
MDF-300	2	1.50	0.00
BG-12LX	1	0.30	0.00
SD365	1	0.30	0.00

NAC CIRCUITS

NAC Name	Alarms (mA)	Quiescent/Stand By (mA)
NAC Circuit 1	0500	0
NAC Circuit 2	0	0

BATTERY SHARING

Battery Sharing	Alarms (mA)	Quiescent/Stand By (mA)
Battery Sharing 1	0	0
Battery Sharing 2	0	0
Battery Sharing 3	0	0

