Altronix NAC Power Extender Battery Calculator

NAC Power Extender: AL602ULADA

Output Voltage: 24VDC
Maximum Available Current: 6.5A
Maximum Available NAC Current Per Circuit: 2.5A
Maximum Available Aux Current: 1A

			Load per Device		Total Device Load	
Device Type	Device Name	Quantity	Stand-By	Alarm	Stand-By	Alarm
	AL602ULADA	1			0.09A	0.175A
Notification Appliances						
NAC1						
Notif. Appliance	Strobe	5		.066 A		0.330 A
Notif. Appliance	Horn Strobe	3		.176 A		0.528 A
NAC2						
Notif. Appliance	Strobe	2		.066 A		0.132 A
Notif. Appliance	Horn Strobe	1		.194 A		0.194 A
Notif. Appliance	Horn Strobe	1		.176 A		0.176 A
NAC3						
Notif. Appliance	Strobe	1		.066 A		0.066 A
Notif. Appliance	Horn Strobe	3		.194 A		0.582 A
Notif. Appliance	Horn Strobe	1		.176 A		0.176 A
NAC4						
Notif. Appliance	Horn Strobe	5		.194 A		0.970 A
Auxiliary Devices						
Aux Output (total auxillary current draw must not exceed 1mA)						
Auxiliary Device		0	0.000 A	0.000 A	0 A	0 A
				Total System Load:	0.09A	3.3289999999999997A
Calculation Results						
				Total Stand-By Amp Hours:	2.160AH	
				Total Alarm Amp Hours:	0.277AH	
				Minimum battery size required:	2.925AH	

Minimum allowable battery power rating is 7 AH

Units are capable of recharging 40AH battery max. If total ampere - hour required exceeds 40AH, decrease AUX current to provide enough stand-by time for the application.

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