

**Altronix NAC Power Extender Battery Calculator**

NAC Power Extender: AL802ULADA

Output Voltage: 24VDC  
 Maximum Available Current: 8A  
 Maximum Available NAC Current Per Circuit: 2.5A  
 Maximum Available Aux Current: 1A

Device Type	Device Name	Quantity	Load per Device		Total Device Load	
			Stand-By	Alarm	Stand-By	Alarm
Notification Appliances						
NAC1						
Notif. Appliance	Circuit #1 Level 3	6		.107 A		0.642 A
NAC2						
Notif. Appliance	Circuit #2 Level 2	7		.107 A		0.749 A
NAC3						
Notif. Appliance	Circuit #3 Level #1/Ground Level B	11		.107 A		1.177 A
NAC4						
Notif. Appliance	Circuit #4 Ground Level A	13		.106 A		1.378 A
Auxiliary Devices						
<b>Aux Output (total auxiliary current draw must not exceed 1mA)</b>						
Auxiliary Device		0	0.000 A	0.000 A	0 A	0 A
			Total System Load:		0.09A	4.1209999999999995A
Calculation Results						
			Total Stand-By Amp Hours:		2.160AH	
			Total Alarm Amp Hours:		0.343AH	
			Minimum battery size required:		3.004AH	

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.  
 Minimum allowable battery power rating is 7 AH  
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