

Battery/Power Calculation FormProject: W.Pryor Retail A-DLocation: NACNotes: Located in Power Life Tenant

*added

Standby: 24 Hours (1440) Minutes

Device	Quantity		Current - Amp/Hr.		Total
HPF24S6	1	X	0.0750000	X24	1.8000
A/V 95cd	2	X	0	X24	
A/V 75cd	5	X	0	X24	*2 added
A/V 30cd	0	X	0	X24	
A/V 15cd	6	X	0	X24	*1 added
Strobe only 95cd	0	X	0	X24	
Strobe only 75cd	0	X	0	X24	
Strobe only 30cd	0	X	0	X24	
Strobe only 15cd	5	X	0	X24	*1 added
Strobe only 185cd	0	X	0	X24	
.		X		X24	
Subtotal:					1.8000
Add 30% for battery depletion:					0.5400
Standby Subtotal:					2.3400

Alarm Mode: 10 Minutes

Device	Quantity		Current - Amp/Hr.		Total
HPF24S6	1	X	0.1750	÷6	0.0292
A/V 95cd	2	X	0.162	÷6	0.0540
A/V 75cd	5	X	0.121	÷6	0.1008
A/V 30cd	0	X	0.074	÷6	
A/V 15cd	6	X	0.054	÷6	0.0540
Strobe only 95cd	0	X	0.148	÷6	
Strobe only 75cd	0	X	0.107	÷6	
Strobe only 30cd	0	X	0.063	÷6	
Strobe only 15cd	5	X	0.043	÷6	0.0179
Strobe only 185cd	0	X	0.222	÷6	
.	0	X		÷6	
Subtotal:					0.2559
Add 30% for battery depletion:					0.0768
Alarm Mode Subtotal:					0.3327

Standby Subtotal:	<u>2.3400</u>	Battery Size:	<u>12vdc 7AH</u>
Plus Alarm Mode Subtotal:	<u>0.3327</u>	Battery Quantity:	<u>2</u>
System Current Demand:	<u>2.6727</u>	Battery Total:	<u>24vdc 7AH</u>