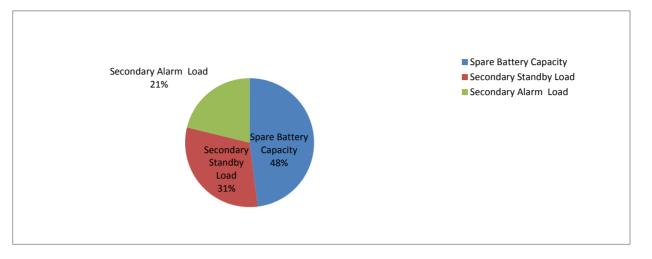
| oneywell | | Secondary Power Requirements | | | |
|---|---|------------------------------|--|---|-------------------------------|
| | HPFF12 Powe | er Supply Calc | ulated at Maximum | | |
| Protected Premises: USM - Luther Bonney Building Address: | | | Date: | 6/27/2013 | |
| City: | Portland | State | Maine | Zip: | |
| Prepared By: Address: | BK Systems, Inc. | | | Phone: | 603-647-8775 |
| | 4 Cote Avenue | | Email: | | |
| City: | Goffstown | State | New Hampshire | Zip: | 03045 |
| • | oad Requirements / Load from the calculation ta | 3.64 ble below. | Amp Hours | | |
| Total Secondary | y Load from the calculation ta Current Draw | | Time (hou | | Total (AH) |
| Total Secondary | y Load from the calculation ta Current Draw ondary Standby Load | | Time (hour Required Standl | oy Time | |
| Total Secondary | v Load from the calculation ta Current Draw ondary Standby Load 0.075 A | ble below. | Time (hour Required Standl 24 hours | oy Time | Total (AH) 1.80 |
| Total Secondary | v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load | ble below. | Time (hour Required Stand 24 hours Required Alarm Tir | oy Time me (hours) | 1.80 |
| Total Secondary | v Load from the calculation ta Current Draw ondary Standby Load 0.075 A | ble below. | Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour | by Time me (hours) rs | 1.80 |
| Total Secondary | v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load | ble below. | Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco | oy Time me (hours) rs ndary Load | 1.80 1.24 3.04 |
| Total Secondary | v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load | ble below. | Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco | by Time me (hours) rs ndary Load ating factor | 1.80 1.24 3.04 |
| Total Secondary Sec Sec | y Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A | ble below. | Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco Der Secondary Load Req | by Time me (hours) rs ndary Load ating factor | 1.80 1.24 3.04 x 1.2 |
| Total Secondary Secondary Secondary Secondary Secondary Secondary Secondary | y Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A | ble below. | Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco Der | by Time me (hours) rs ndary Load ating factor | 1.80 1.24 3.04 x 1.2 |
| Total Secondary Secondary Secondary Select batteries | y Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A | ble below. | Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco Der Secondary Load Req | by Time me (hours) rs ndary Load ating factor | 1.80 1.24 3.04 x 1.2 |

Battery Distribution Chart

Shows amp-hour distribution of your selections.



Comments

- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (7AH) are within the charger range of this power supply (7-26AH).

| Spare Battery Capacity | 3.36 | Battery Selection (AH) - Secondary Load Requirements (AH) |
|------------------------|------|---|
| Secondary Standby Load | 2.16 | Secondary Standby Load (AH) * Derating Factor |
| Secondary Alarm Load | 1.48 | Secondary Alarm Load (AH) * Derating Factor |