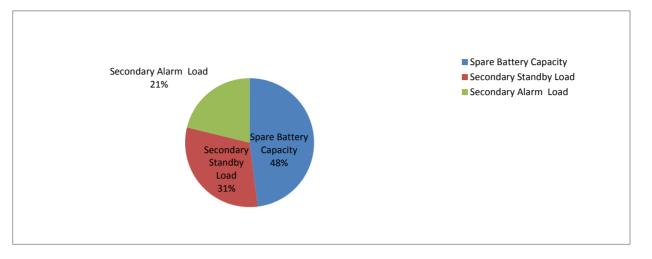
loneywell		Secondary Power Requirements				
HPFF8 Power Supply Calculated at Maximum						
Protected Pre Address:	mises: USM - Masterton Bui	ilding		Date:	6/27/2013	
City:	Portland	State	Maine	Zip:		
Prepared By: Address:	BK Systems, Inc.			Phone:	603-647-8775	
	4 Cote Avenue		Email:			
City:	Goffstown	State	New Hampshire	Zip:	03045	
•	oad Requirements / Load from the calculation tal	3.64 ble below.	Amp Hours			
Total Secondary	y Load from the calculation tal		Time (hour		Total (AH)	
Total Secondary	V Load from the calculation tal		Time (hour Required Standb	by Time		
Total Secondary	V Load from the calculation tal Current Draw ondary Standby Load 0.075 A	ble below.	Time (hour Required Standb 24 hours	by Time	Total (AH) 1.80	
Total Secondary	v Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Standb 24 hours Required Alarm Tir	by Time ne (hours)	1.80	
Total Secondary	V Load from the calculation tal Current Draw ondary Standby Load 0.075 A	ble below.	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour	ne (hours)	1.80	
Total Secondary	v Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Standt 24 hours Required Alarm Tir 0.167 hour Total Seco	ne (hours) s ndary Load	1.80	
Total Secondary	v Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Standt 24 hours Required Alarm Tir 0.167 hour Total Seco	ne (hours) rs ndary Load ating factor	1.80 1.24 3.04	
Total Secondary	v Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Standb 24 hours Required Alarm Tir 0.167 hour Total Seco Der	ne (hours) rs ndary Load ating factor	1.80 1.24 3.04 x 1.2	
Total Secondary Sec Sec Battery Selec	v Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A	ble below.	Time (hour Required Standb 24 hours Required Alarm Tir 0.167 hour Total Seco Der	ne (hours) rs ndary Load ating factor	1.80 1.24 3.04 x 1.2	
Total Secondary Sec Sec Select batteries	y Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A Ction from the list below.	ble below.	Time (hour Required Standb 24 hours Required Alarm Tir 0.167 hour Total Seco Der recondary Load Req	ne (hours) rs ndary Load ating factor	1.80 1.24 3.04 x 1.2	
Total Secondary Sec Sec Select batteries	v Load from the calculation tal Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A	ble below.	Time (hour Required Standb 24 hours Required Alarm Tir 0.167 hour Total Seco Der recondary Load Req	ne (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