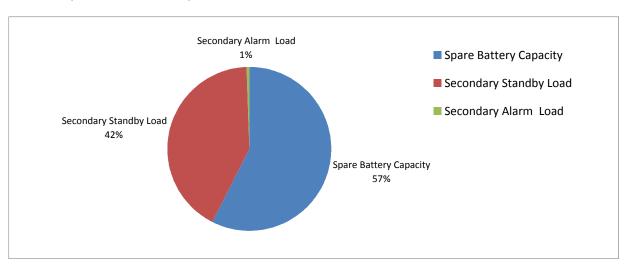
NOTIF		System Powe	r Requirements	
	NFW2-100	Fire Alarm Control	Panel	
Protected Pr	remises: Inn at Diamond Cove		Date:	7/11/2013
Address:	McLinley Court			
City:	Portland	State: Maine	Zip:	
Prepared By	r: Norris Inc.		Phone:	(207)-883-3473
Address:	2257 West Broadway		Email:	
City:	South Portland	State: Maine	Zip:	04106
	Current Requirements ed by source to power the fire	3.00 AMPS	S @ 120 VAC	
Primary Sta Current load o non-alarm co Primary Ala	on the primary power supply durin nditions.	0.49 Amps g 1.00 Amps		
alarm condition	on the primary power supply durin ons. Load Requirements ary Load from the calculation tabl	7.64 Amp	Hours	
			- ; (1)	T (ALI)
So	Current Draw condary Standby Load	Bo	Time (hours) quired Standby Time	Total (AH)
36	0.262 A	X	24 hours	6.28
S	econdary Alarm Load	Requi	ired Alarm Time (hours)	0.20
-	1.000 A	x	0.084 hours	0.08
			Total Secondary Load	
			Derating factor	
		Seconda	ry Load Requirements	7.64 A⊢
	ection es from the list below. 2180 Battery (12 volt)	18 Amp	Hours	
🖸 Two	Four (two 12VDC sets in par	allel)		

Shows amp-hour distribution of your selections.

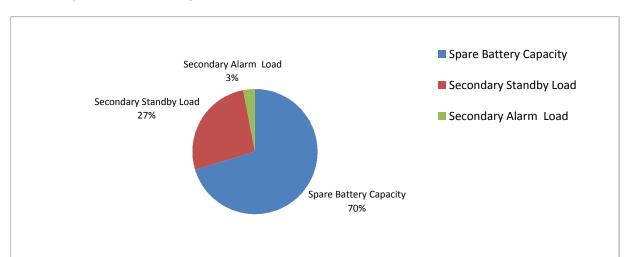


- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (18AH) are within the charger range of this power supply (7-18AH).

Spare Battery Capacity	10.36	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	7.54	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.10	Secondary Alarm Load (AH) * Derating Factor

by Honeywel					
	F	CPS-24s8 Power Supply			
Protected P	remises: Inn at Diamond Co	ve FCPS #1	Date:	7/11/2013	
Address:	McKinley Court				
City:	Portland	State: Maine	Zip:		
Prepared By	/: Norris Inc.		Phone:	(207)-883-347	3
Address:	2257 West Broadway	Ema		· · ·	
City:	South Portland	State: Maine	Zip:	04106	
Current requir alarm system	ed by source to power the fire	e			
	andby I oad	0.09 Amps			
-	andby Load on the primary power supply c onditions.	0.09 Amps during			
Current load o non-alarm co Primary Ala	on the primary power supply conditions. Arm Load on the primary power supply c	during Amps			
Current load on on-alarm con on-alarm con on one of the content load of alarm condition of the condition of the condary of the	on the primary power supply conditions. Arm Load on the primary power supply c	during 2.05 Amps during 2.08 Amp Hours			
Current load on on-alarm con on-alarm con on one of the content load of alarm condition of the condition of the condary of the	on the primary power supply on onditions. Arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation	during 2.05 Amps during 2.08 Amp Hours table below.	hours)	Total (AH)	
Current load on on-alarm con on-alarm con on one of the context of	on the primary power supply on the primary power supply of an Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw	during 2.05 Amps during 2.08 Amp Hours table below. Time ((hours) tandby Time	Total (AH)	
Current load on on-alarm con on-alarm con on one of the condition of the c	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw econdary Standby Load 0.065 A	during 2.05 Amps during 2.08 Amp Hours table below. Time (x Required Si 24 h	tandby Time	Total (AH) 1.56	
Current load on on-alarm con on-alarm con on one of the condition of the c	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw condary Standby Load 0.065 A Gecondary Alarm Load	during 2.05 Amps during 2.08 Amp Hours table below. Time (X Required Si 24 h Required Alarr	tandby Time nours m Time (hours)	1.56	
Current load on on-alarm con on-alarm con on one of the condition of the c	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw econdary Standby Load 0.065 A	during 2.05 Amps during 2.08 Amp Hours table below. Time (X Required St 24 h Required Alarr 0.084	tandby Time tours m Time (hours) hours	1.56 0.17	
Current load on on-alarm con on-alarm con on one of the context of	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw condary Standby Load 0.065 A Gecondary Alarm Load	during 2.05 Amps during 2.08 Amp Hours table below. Time (X Required St 24 h Required Alarr 0.084	tandby Time nours m Time (hours) hours Secondary Load	1.56 0.17 1.73	
Current load on on-alarm con on-alarm con on one of the context of	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw condary Standby Load 0.065 A Gecondary Alarm Load	2.05 Amps during 2.08 Amp Hours table below. Time (x Required Si x Required Alarr x Required Alarr 0.084 Total Si	tandby Time iours n Time (hours) hours Secondary Load Derating factor	1.56 0.17 1.73 x 1.2	
Current load on on-alarm con on-alarm con on one of the context of	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load 2.052 A	during 2.05 Amps during 2.08 Amp Hours table below. Time (X Required St 24 h Required Alarr 0.084	tandby Time iours n Time (hours) hours Secondary Load Derating factor	1.56 0.17 1.73	
Current load on on-alarm con on-alarm con on-alarm condition of the second ary of the second of the	on the primary power supply on onditions. arm Load on the primary power supply of ons. Load Requirements ary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load 2.052 A	during 2.05 Amps during 2.08 Amp Hours table below. Amp Hours x Required Si x 24 h x Required Alarr 0.084 Total Si Secondary Load	tandby Time iours n Time (hours) hours Secondary Load Derating factor	1.56 0.17 1.73 x 1.2	

Shows amp-hour distribution of your selections.

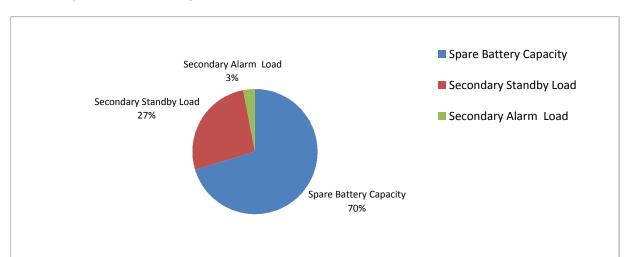


- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (7AH) are within the charger range of this power supply (7-18AH).

Spare Battery Capacity	4.92	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	1.87	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.21	Secondary Alarm Load (AH) * Derating Factor

	ell	System FOW	ver Requirements	
	F	CPS-24s8 Power Su	pply	
Protected F	Premises: Inn at Diamond Co	ve FCPS #2	Date	: 7/11/2013
Address:	McKinley Court			
City:	Portland	State: Mai	ine Zip	:
Prepared B	y: Norris Inc.		Phone	: (207)-883-3473
Address:	2257 West Broadway		Email:	<u> </u>
City:	South Portland	State: Mai	ine Zip	: 04106
Current requi alarm system	ired by source to power the fire	e		
-	andby Load on the primary power supply c onditions.		nps	
Current load	on the primary power supply c		nps	
Current load alarm conditi Secondary	on the primary power supply c	during Ar	nps np Hours	
Current load alarm conditi Secondary	on the primary power supply c ions. / Load Requirements lary Load from the calculation	during Ar	np Hours	Total (AH)
Current load alarm conditi Secondary Total Second	on the primary power supply c ions. / Load Requirements	during 2.09 Ar table below.	np Hours Time (hours)	Total (AH)
Current load alarm conditi Secondary Total Second Se	on the primary power supply c ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A	during 2.09 Ar table below. x	np Hours Time (hours) Required Standby Time 24 hours	Total (AH) 1.56
Current load alarm conditi Secondary Total Second Se	on the primary power supply c ions. / Load Requirements dary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Ar table below. x	np Hours Time (hours) Required Standby Time <u>24 hours</u> equired Alarm Time (hours)	1.56
Current load alarm conditi Secondary Total Second Se	on the primary power supply c ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A	during 2.09 Ar table below. x	np Hours Time (hours) Required Standby Time 24 hours equired Alarm Time (hours) 0.084 hours	1.56 0.18
Current load alarm conditi Secondary Total Second Se	on the primary power supply c ions. / Load Requirements dary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Ar table below. x	np Hours Time (hours) Required Standby Time 24 hours equired Alarm Time (hours) 0.084 hours Total Secondary Load	0.18 1.74
alarm conditi Secondary Total Second Se	on the primary power supply c ions. / Load Requirements dary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Ar table below. X x Re	np Hours Time (hours) Required Standby Time 24 hours equired Alarm Time (hours) 0.084 hours Total Secondary Load Derating factor	1.56 0.18 1.74 r x 1.2
Current load alarm conditi Secondary Total Second Se	on the primary power supply c ions. / Load Requirements dary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Ar table below. X x Re	np Hours Time (hours) Required Standby Time 24 hours equired Alarm Time (hours) 0.084 hours Total Secondary Load	1.56 0.18 1.74 r x 1.2
Current load alarm conditi Secondary Total Second Secondary Total Second	on the primary power supply c ions. / Load Requirements dary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load 2.163 A	during 2.09 Ar table below. Ar x Ar x Ar Secon	np Hours Time (hours) Required Standby Time 24 hours equired Alarm Time (hours) 0.084 hours Total Secondary Load Derating factor	1.56 0.18 1.74 r x 1.2
Current load alarm conditi Secondary Total Second Se Select batteri	on the primary power supply c ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load 2.163 A	during 2.09 Ar table below. Ar x Ar x Ar Secon	np Hours Time (hours) Required Standby Time 24 hours equired Alarm Time (hours) 0.084 hours Total Secondary Load Derating factor hdary Load Requirements	1.56 0.18 1.74 r x 1.2

Shows amp-hour distribution of your selections.

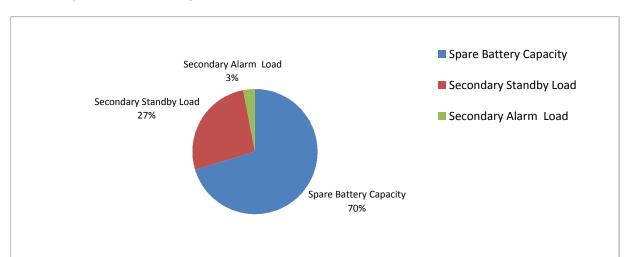


- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (7AH) are within the charger range of this power supply (7-18AH).

Spare Battery Capacity	4.91	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	1.87	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.22	Secondary Alarm Load (AH) * Derating Factor

.,,		System Fowe	r Requirements	
	F	CPS-24s8 Power Supp	ly	
Protected P	Premises: Inn at Diamond Co	ove FCPS #3	Date:	7/11/2013
Address:	McKinley Court			
City:	Portland	State: Maine	Zip:	
Prepared B	y: Norris Inc.		Phone:	(207)-883-3473
Address:	2257 West Broadway		Email:	
City:	South Portland	State: Maine	Zip:	04106
Current requi alarm system	red by source to power the fir 1.	re		
-	andby Load on the primary power supply	0.09 Amp	0	
	onditions.			
Primary Al Current load	arm Load on the primary power supply	2.16 Amp during	S	
Primary Al Current load alarm conditi Secondary	arm Load on the primary power supply	during 2.09 Amp	s Hours	
Primary Al Current load alarm conditi Secondary	arm Load on the primary power supply ions. / Load Requirements lary Load from the calculation	during 2.09 Amp	Hours	Total (AH)
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. / Load Requirements	during 2.09 Amp	Hours Time (hours)	Total (AH)
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. A Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A	during 2.09 Amp h table below.	Hours Time (hours) equired Standby Time 24 hours	Total (AH) 1.56
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Amp a table below. Require	Hours Time (hours) equired Standby Time 24 hours irred Alarm Time (hours)	1.56
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. A Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A	during 2.09 Amp h table below.	Hours Time (hours) equired Standby Time 24 hours ired Alarm Time (hours) 0.084 hours	1.56 0.18
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Amp a table below. Require	Hours Time (hours) equired Standby Time 24 hours ired Alarm Time (hours) 0.084 hours Total Secondary Load	1.56 0.18 1.74
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Amp a table below. Amp x Require x Require	Hours Time (hours) equired Standby Time 24 hours ired Alarm Time (hours) 0.084 hours Total Secondary Load Derating factor	1.56 0.18 1.74 x 1.2
Primary Al Current load alarm conditi Secondary Total Second	arm Load on the primary power supply ions. / Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load	during 2.09 Amp a table below. Amp x Require x Require	Hours Time (hours) equired Standby Time 24 hours ired Alarm Time (hours) 0.084 hours Total Secondary Load	1.56 0.18 1.74
Primary Al Current load alarm conditi Secondary Total Second Se Se Se Se Se Se Se Se Se Se Se Se Se	arm Load on the primary power supply ions. r Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load 2.163 A lection	during 2.09 Amp a table below. Amp x Require x Require Seconda Amp	Hours Time (hours) equired Standby Time 24 hours ired Alarm Time (hours) 0.084 hours Total Secondary Load Derating factor	1.56 0.18 1.74 x 1.2
Primary Al Current load alarm conditi Secondary Total Second Secondary Battery Se Select batteri	arm Load on the primary power supply ions. r Load Requirements lary Load from the calculation Current Draw econdary Standby Load 0.065 A Secondary Alarm Load 2.163 A	during 2.09 Amp a table below. Amp x Require x Require Seconda Amp	Hours Time (hours) equired Standby Time 24 hours ired Alarm Time (hours) 0.084 hours Total Secondary Load Derating factor iry Load Requirements	1.56 0.18 1.74 x 1.2

Shows amp-hour distribution of your selections.



- 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 (7-18AH).

Spare Battery Capacity	4.91	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	1.87	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.22	Secondary Alarm Load (AH) * Derating Factor