Jobsite Information:

FCPS-24FS6 / 8 Battery Calculation
Entries only to be made in the Yellow cell locations

Regulated Load in Standby

Device Type	Number of Devices		Current (Amps)		Total Current (Amps)
Main PC Board	1	X	0.065	=	0.065
Power Supervision Relays		X	0.025	=	0
Auxiliary Current Draw		X		=	0
from TB4 Terminals 9 & 10					
			STANDBY LOAD	=	**0.065**

Regulated Load in ALARM

Device Type	Number of Devices		Current (Amps)		Total Current (Amps)
Main PC Board without AC	1	X	0.145	=	0.145
Power Supervision Relays		X	0.025	=	0
Auxiliary Current Draw		X		=	0
from TB4 Terminals 9 & 10					
NAC / Output # 1	1	X	1.034	=	1.034
NAC / Output # 2	1	X	1.264	=	1.264
NAC / Output # 3		X		=	0
NAC / Output # 4		X		=	0
			ALARM LOAD	=	**2.443**

Battery Amp Hour Calculation

Standby Load Current (Amps)			Required Standby Time (Typically 24 or 60 *Hours*)		
	0.065	X	24	=	1.56 AH
Alarm Load Current (Amps)			Required Alarm Time (Typically 5 or 10 *Minutes*)		
	2.443	X	10	=	0.41 AH
		Sub Total Standby / Alarm Amp Hours			1.97 AH
		Multiply by the Derating Factor	X		1.2 *
		Total Ampere Hours Required	**=**		**3 AH**

* Derating Factor required to compensate for the non-linear discharge characteristic of a battery.