

Battery Calculations

Standby Condition

1	FSP-951-IV	Smoke Detector		=	.0002A
24 Hours of standby		24 Hours	X	.0002A	= .0048 AH

Alarm Condition

1	SGRLED (15 CD)	Wall Strobe		=	.018A
5 Minutes in Alarm Condition		0.084 Hours	X	0.018 Amps	= .0015AH
				Total	= .0063AH
				Derating Factor (X 1.2)	= .0075AH

This small addition will have virtually no effect on the existing batteries with the addition of .0075 Amp Hours.