CALCULATING THE REQUIRED STANDBY BATTERY CAPACITY for the MA3000

1) STANDBY CURRENT

DEVICE	QTY		UNIT STANDBY CURRENT(Amps)		STANDBY CURRENT(Amps)		
MA3000	1	X	0.200	=	0.200	(a)	
CF5530	1	X	0.050	=	0.050	(b)	
EZM3008	____	X	0.045	=	_____	(c)	
RP3000LCD	____	X	0.100	=	_____	(d)	
RP3000LCD*	____	X	0.035	=	_____	(e) * WITH DISABLED BACKLIGHT (CUT W1,W2 & W3)
CF3000LCD	____	X	0.100	=.	_____	(f)	
CF3000LCD*	____	X	0.035	=	_____	(g) * WITH DISABLED BACKLIGHT (CUT W1,W2 & W3)
RB3008	____	X	0.040 ____	=	_____	(h) *ADD .010 FOR EACH ENERGIZED RELAY
_____	____	X	____	=	_____	(i)	
_____	____	X	____	=	_____	(j)	NOTE: TOTAL STANDBY CURRENT SHOULD NOT EXCEED TOTAL BATTERY CAPACITY DIVIDED BY 20.
_____	____	X	____	=	_____	(k)	ie: (3 X 6.5 AH) = 19.5AH / 20 = 0.975 A = 975 mA

TOTAL STANDBY CURRENT: =   _____(l) X S_____   =   _____ AH(1)

(Add lines a through k and multiply by S, the required standby time in hours)

2) ALARM CURRENT

DEVICE	QTY		ALARM CURRENT(Amps)				
TOTAL STANDBY CURRENT:				=	_____	(l) A (From line l above)	
MA3000 *	1	X	0.300	=	0.300	(m) * (additional current drawn in alarm)	
CF5530 *	1	X	0.040	=	0.040	(n) * (additional current drawn in alarm)	
BELLS: _____	____	X	____	=	_____	(o)	
STROBES: _____	____	X	____	=	_____	(p)	
HORN/ STROBES: _____	____	X	____	=	_____	(q)	
_____	____	X	____	=	_____	(r)	
_____	____	X	____	=	_____	(s)	

TOTAL ALARM CURRENT: =   _____(t) X F_____   =   _____ AH (2)

(Add lines l through s, and multiply by F, the required alarm time in minutes divided by 60)

ALARM FACTOR, F = ALARM TIME _____(minutes) / 60 = _____   (For 15 minute alarm time out, F= 0.25)

3) REQUIRED BATTERY CAPACITY: (Add lines 1 and 2)   >   =   _____AH