

## Battery capacity calculation table FX / Intellia

			Pcs	Standby current mA	Alarm current mA	Standby current mA	Alarm current mA
Ethernet configured 'Not in use'		FX, FXL and FXM (incl. MC2 and UI2)	1	1 14	1 47	1 14	1 47
		ALCB	1	78	78	78	78
Modem adapters		CODIS/CODINET	1	20	20	20	20
Optical smoke detector		EDI-20	28				
Manual call point with isolator		EPP-20A	5				
Sounder strobe, with isolator		ESI-60 (91dB)	6				
Configurable Open area sounder beacon		Volume level 7 (100dB(A))	1				
Configurable Sounder beacon base		Volume level 7 (90dB(A))	1				
Conventional zone module		EMI-310/CZ	3				
240V Relay control unit		EMI-311/240	2				
Sounder control module		EMI-301/S	1				
Remote LED (output from detector limited to 5mA)		ERI-10	4				
Remote Indicator		LED 5301 / 5302 & 5303	0				
Loop 1		ALC	51			37	148
Loop 2		ALC	0			0	0
Loop 3		ALC	0			0	0
Loop 4		ALC	0			0	0
Loop 5		ALC	0			0	0
Loop 6		ALC	0			0	0
Loop 7		ALC	0			0	0
Loop 8		ALC	0			0	0
Loop components in total			51			37	1 48
Load from short circuit isolators							60
Current consumption in total						2 49	4 53
Battery capacity = (L1 x T1 + L2 x T2) x 1,25 Ah							
L1 = Standby current		0,2 A	Battery capacity			9,6 Ah	
T1 = Battery backup time		30 h	Charge time (hours)			2,3 h	
L2 = Alarm device current		0,5 A	Chosen Battery capacity			12,0 Ah	
T2 = Alarm time		0,5 h	Backup time with chosen batteries			37,6 h	
(Actual standby time)							