

MS-9200UDLS Rev.3 Battery Calculation

Secondary Power Source Requirements

Device Type	Standby Current (amps)				Secondary Alarm Current (amps)			
	Qty		Current Draw	Total	Qty		Current Draw	Total
Main Circuit Board	1	x	0.145000	= 0.145000	1	x	0.275000	= 0.275000
XRM-24B		x	0.000000	=		x	0.000000	=
4XTMF		x	0.005000	=		x	0.011000	=
IPDACT-2		x	0.093000	=		x	0.136000	=
IPDACT-2/2UD		x	0.098000	=		x	0.155000	=
ANN-BUS Devices								
ANN-80(-W)		x	0.015000	=		x	0.040000	=
ANN-LED		x	0.028000	=		x	0.068000	=
ANN-RLED		x	0.028000	=		x	0.068000	=
ANN-RLY		x	0.015000	=		x	0.075000	=
ANN-I/O		x	0.035000	=		x	0.200000	=
ANN-S/PG		x	0.045000	=		x	0.045000	=
ACS Annunciators								
ACM-8RF		x	0.030000	=		x	0.158000	=
ACM-16ATF		x	0.040000	=		x	0.056000	=
ACM-32AF		x	0.040000	=		x	0.056000	=
AEM-16ATF		x	0.002000	=		x	0.018000	=
AEM-32AF		x	0.002000	=		x	0.018000	=
AFM-16ATF		x	0.040000	=		x	0.056000	=
AFM-32AF		x	0.040000	=		x	0.056000	=
AFM-16AF		x	0.025000	=		x	0.065000	=
LDM-32F		x	0.040000	=		x	0.056000	=
LDM-E32F		x	0.002000	=		x	0.018000	=
LCD-80F		x	0.025000	=		x	0.064000	=
Resettable Power								
4-Wire Smoke Detectors		x		=		x		=
Addressable Devices								
BEAM355		x	0.002000	=				=
BEAM355S		x	0.002000	=				=
BEAM1224		x	0.017000	=				=
CP355		x	0.000300	=				=
SD355		x	0.000300	=				=
SD355T		x	0.000300	=				=
AD355		x	0.000300	=				=
H355		x	0.000300	=				=
H355R		x	0.000300	=				=
H355HT		x	0.000300	=				=
D350P		x	0.000300	=				=
D350RP		x	0.000300	=				=
D350PL		x	0.000300	=				=
D350RPL		x	0.000300	=				=
D355PL		x	0.000300	=				=
MMF-300		x	0.000400	=				=
MMF-300-10		x	0.003500	=				=
MDF-300		x	0.000750	=				=
MMF-301		x	0.000375	=				=
MMF-302		x	0.000270	=				=
MMF-302-6		x	0.002000	=				=
BG-12LX		x	0.000230	=				=
CMF-300		x	0.000390	=				=
CMF-300-6		x	0.002250	=				=
CRF-300		x	0.000270	=				=
CRF-300-6		x	0.001450	=				=
I300		x	0.000400	=				=
B501BH-2		x	0.001000	=				=
B501BHT-2		x	0.001000	=				=
B224RB		x	0.000500	=				=
B224BI		x	0.000450	=				=

B200SR	x	0.000500	=				
Maximum alarm draw for all Addressable devices ----->							0.400000
EOLR-1	x	0.020000	=		x	0.020000	=
FCPS (Remote Sync)					x	0.021700	=
	x		=		x		=
	x		=		x		=
	x		=		x		=
	x		=		x		=
NAC 1					x		=
NAC 2					x		=
NAC 3					x		=
NAC 4					x		=
Current Draw from TB3			=				=
Total Standby Load					Total Alarm Load		



MS-9200UDLS Rev.3 Battery Calculation

Calculation in Total Sheet

		Required Standby Time in Hours	
Standby Load Current		x	=
		Required Alarm Time in Minutes	
Alarm Load Current (Amps)		x	=
		Total Current Load	
Multiply by the Derating Factor			=
		Total Ampere Hours Required	

Recommended Batteries:

Battery Check	

Current Draw Check	