

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-2UD		x	0.098000	=		x	0.155000	=
ECC-FFT		x	0.120000	=		x	0.230000	=
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	=
ANN-LC		x	0.150000	=		x	0.150000	=
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	=
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	0.000300	=				
CMF-300		x	0.000390	=				
CMF-300-6		x	0.002250	=				
CRF-300		x	0.000270	=				
CRF-300-6		x	0.001450	=				
CDRM-300		x	0.001300	=				
I300		x	0.000400	=				
ISO-6		x	0.002700	=				
B501BH-2		x	0.001000	=				

B501BHT-2		x	0.001000	=				
B224RB		x	0.000500	=				
B224BI		x	0.000450	=				
W-GATE		x	0.024000	=				
Maximum alarm draw for all Addressable devices ----->								0.400000
EOLR-1		x	0.020000	=		x	0.020000	=
FCPS (Remote Sync)				=		x	0.021700	=
Resettable Power								
4-Wire Smoke Detectors		x		=		x		=
Auxiliary Power								
CMF-300 (Aux. Power)		x	0.001700	=		x	0.007000	=
CMF-300-6 (Aux. Power)		x	0.008000	=		x	0.020000	=
MMF-302 (Aux. Power)		x	0.012000	=		x	0.090000	=
MMF-302-6 (Aux. Power)		x	0.050000	=		x	0.270000	=
B200SR (Aux. Power)		x	0.000500	=		x	0.035000	=
B200SR-LF (Aux. Power)		x	0.001000	=		x	0.125000	=
SWIFT Wireless								
W-GATE		x	0.040000	=		x	0.040000	=
W-DIS-D		x	0.030000	=		x	0.030000	=
Miscellaneous Devices								
		x		=		x		=
		x		=		x		=
		x		=		x		=
		x		=		x		=
		x		=		x		=
Output Circuits								
NAC/Output #1				=				=
NAC/Output #2				=				=
NAC/Output #3				=				=
NAC/Output #4				=				=
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	