NAME	CHEMISTRY	DIMENSIONS L x W x H or L x D	MAX CURRENT A	New/working/ Depleted Volts	CAPACITY Ah	SHELF LIFE Yr. or Cycles	OP TEMP F Degrees F	CHARGE RATE
AA = MN-1500	$Zn/ALK/MnO_2$	2 x .56	0.1	1.6/1.2/0.8	2.8	7	-4 to 130	
AA = MX-1500	$Zn/ALK/MnO_2$	"	0.25	1.6/1.5/0.75	2.8	7	-4 to 130	
MV-1500 Quantm	$Zn/ALK/MnO_2$	"	0.2	1.6/1.5/0.75	3	10	-4 to 130	
AA = L91	Li/FeS_2	"	0.79	1.75/1.5/0.8	3	10		
AA	Ni-Cd	"	6.0 [1]	1.3/1.2/1.0	0.6 - 1.0	up to 1000		C/10
AA	Ni-MH	"	5.1 or 7.35 [1]	1.35/1.2/1.0	.8 to 2.7	up to 1000	-14 to 122	C/2
C = DC1400	Ni-MH	1.988 x 1.02	18 [14]	1.35/1.2/1.0	6	up to 1000	-14 to 122	C/2
D = MN-1300	$Zn/ALK/MnO_2$	2.42 x 1.35	0.25	1.6/1,2/0,8	12.5	7	-4 to 130	
D = MX-1300	$Zn/ALK/MnO_2$	"		1.6/1,2/0,8	15	7	-4 to 130	
D	Ni-Cd	"	48 [1]	1.3/1.2/1.0	4.8	up to 1000		C/10
D = DC1400	Ni-MH	"	6.6 [14]	1.35/1.2/1.0	2.2	up to 1000	-14 to 122	C/2
D	Pb/PBO_2	"	12.5 [1]	2.2/2.1/1.8	2.5	500 to 800		2.4 V/cell/-C/10
9V = MN1604	$Zn/ALK/MnO_2$	1.9 x 1.04 x .69	0.01	9.6/7.24/4.8	0.56	7	-4 to 130	
9V = MX1604	$Zn/ALK/MnO_2$	"	0.2	9.6/7.24/4.5	0.56	7	-4 to 130	
9V = DL1604	Li/MnO_2	"	0.12	9.6/9.0/4.80	0.8	10	-40 to 140	
2/3 A = DL123	Li/MnO_2	1.36 x .66	0.25	3.2/2.8/2.0	1.5	10	-4 to 167	
12V PRISMATIC				Per Cell				
Flooded	Pb/PBO_2			2.2/2.1/1.8		500 to 800		2.4 V/cell/-C/10
AGM	Pb/PBO_2			2.2/2.1/1.8		500 to 800		2.25 V/cell
Jell Cell	Pb/PBO_2			2.2/2.1/1.8		500 to 800		2.23 V/cell
LFP	$LiFePO_4$	Prism or Cylindrical	2 to 5 C	3.6/3.2/2.8		2000-7,000/10yrs	up to 140	C/1 [5]
LIB	LiMO or NMC	Prism or Cylindrical		3.6		400-1200/3yrs	32 - 113	C/1 [5]

NOTES

1. Ni-Cd max cur rent is 10 x C, NiMH max current is 3 x C, Pb/PbO2 max current is 5 x C. FOR SHORT BURSTS ONLY
2. Typical Ni-MH commercial cell life cycles is approximately 500.
3. Lead acid batteries are rated at a 5-hour (0.2C) and 20-hour (0.05C) discharge rate.
4. NiMH best capacity is obtained with C/10 discharge rate.
5. Recharging Lithium batteries requires monitoring each cell, varies with chemistry and should only be done using cell manufacturer's charger.
6. Discharge rate is based on obtaining at least 80% of Ah capacity.