

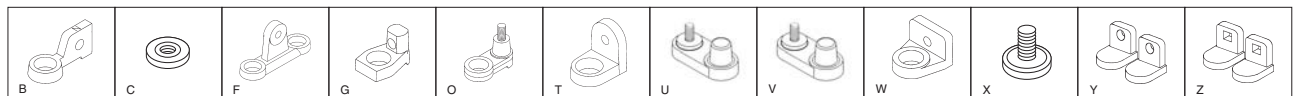
HD America **BATTERY** Magna Power® SPECIFICATIONS

**Effective
September 1, 2010**
Supersedes all previous information.
Subject to change without notice.

GROUP NO./ (EN)	PART NO.	PERFORMANCE LEVEL				WEIGHT (lbs)	MAXIMUM OVERALL DIMENSIONS						Core Value	WARR Free / Pro Rata	FOOTNOTES	
		CCA	R.C.	REF. CA	20 HR CAP		WET	LENGTH		WIDTH		HEIGHT				
								in	mm	in	mm	in				mm
12-VOLT ABSORBED GLASS MAT — AGM — SEALED VALVE REGULATED																
34/78	9A78DT	785	120	970	55	42.5	10-3/4	273	6-7/8	175	8	203	1.0	24/85	3,13,16,17	
34	9A34	785	120	970	55	41	10-3/4	273	6-7/8	175	8	203	1.0	24/85	3,13,17	
34R	9A34R	785	120	970	55	41	10-3/4	273	6-7/8	175	8	203	1.0	24/85	3,13,17	
65	9A65	800	150	980	75	46	12	305	7-3/8	187	7-5/8	194	1.0	24/85	3,13,17	
78	9A78	785	120	970	55	42.5	10-3/4	273	6-7/8	175	7-1/4	184	1.0	24/85	3,13,17	
31	9A31	925	190	1060	100	63	13	330	6-3/4	171	9-1/2	241	1.5	18/36	3,13,X	
	9A31H	925	190	1060	100	63							1.5	18/36	3,13,17,X	
	9A31P	925	190	1060	100	63							1.5	18/36	3,13	
31P	9A31PH	925	190	1060	100	63	13	330	6-3/4	171	9-1/2	241	1.5	18/36	3,13,17	
	9A31P	925	190	1060	100	63							1.5	18/36	3,13,17	
34M	9A34M	785	120	970	55	41.5	10-3/4	273	6-7/8	175	8-3/8	212	1.0	18/36	3,13,17,U	
12-VOLT AUTOMOTIVE ABSORBED GLASS MAT — AGM — SEALED VALVE REGULATED																
48 (H6)	9AGM48	760	120	875	70	45.5	11	278	6-7/8	175	7-1/2	190	1.0	18/70	13,17,22	
49 (H8)	9AGM49	850	170	975	92	58.5	13-15/16	354	6-7/8	175	7-1/2	190	1.0	18/70	13,17,22	
Miata	8AMU1R	320	45	400	—	25	7-3/4	197	5-1/8	130	7-1/4	184	0.5	18/70	2,13,22,38,39	
12-VOLT EUROPEAN PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE																
40R (T6)	640RMF	650	105	810	50	37	11	278	6-7/8	175	6-7/8	175	1.0	18/70	17,22	
41	641MF	675	100	830	64	38	11-9/16	293	6-7/8	175	6-7/8	175	1.0	18/70	22	
42	642MF	475	70	590	40	29	9-9/16	242	6-7/8	175	6-7/8	175	1.0	18/70		
47 (H5)	647MF	600	95	750	60	36.5	9-9/16	242	6-7/8	175	7-1/2	190	1.0	18/70	17,22	
48 (H6)	748MF	730	120	895	70	42.5	11	278	6-7/8	175	7-1/2	190	1.0	18/75	17,22	
	648MF	700	120	875	70	42							1.0	18/70	17,22	
49 (H8)	649MF	900	185	1080	100	56.5	13-15/16	354	6-7/8	175	7-1/2	190	1.0	18/70	17,22	
90 (T5)	690MF	600	90	745	45	33.5	9-9/16	242	6-7/8	175	6-7/8	175	1.0	18/70	17,22	
91 (T6)	691MF	700	100	875	50	36.5	11	278	6-7/8	175	6-7/8	175	1.0	18/70	17,22	
92 (T7)	692MF	650	130	780	75	37	12-1/2	317	6-7/8	175	6-7/8	175	1.0	18/70	17,22	
93 (T8)	693MF	800	145	960	65	46.5	13-15/16	354	6-7/8	175	6-7/8	175	1.0	18/70	17,22	
94R (H7)	694RMF	765	135	910	80	45	12-7/16	315	6-7/8	175	7-1/2	190	1.0	18/70	17,22	
95R (H9)	695RMF	850	190	1020	110	64.5	15-1/2	394	6-7/8	175	7-1/2	190	1.0	18/70	17,22	
96R	696RMF	600	90	745	45	33.5	9-9/16	242	6-7/8	175	6-7/8	175	1.0	18/70	17,22	
97R (H5)	697RMF	600	95	750	60	36.5	9-9/16	242	6-7/8	175	7-1/2	190	1.0	18/70	17,22	
GROUP NO.	PART NO.	PERFORMANCE LEVEL				WEIGHT (lbs)	MAXIMUM OVERALL DIMENSIONS						Core Value	Free Replace / Pro Rata	FOOTNOTES	
CCA	R.C.	REF. CA	20 HR CAP	WET	LENGTH		WIDTH		HEIGHT							
					in		mm	in	mm	in	mm					
12-VOLT ADVANCED GENERATION, CALCIUM / SILVER MAINTENANCE-FREE																
34/78	7AG78DT	800	115	940	41.5	10-3/4	273	6-7/8	175	8	203	1.0	24/85	14,16,17,18,22,37		
	6AG78DT	730	100	865	39							1.0	24/70	14,16,17,18,22,37		
75/86	7AG75DT	690	90	820	35.5	9-3/4	248	7	178	8-1/8	206	1.0	24/85	14,16,17,18,22,37		
24F	7AG24FMF	800	115	940	42.5	10-3/4	273	6-3/4	171	9	229	1.0	24/85	17,22		
25	7AG25MF	600	90	750	35	9-3/4	248	6-7/8	175	8-7/8	225	1.0	24/85	17,22		
34	6AG34MF	730	100	865	37.5	10-3/4	273	6-7/8	175	8	203	1.0	24/70	17,22		
35	7AG35MF	600	90	750	35	9-3/4	248	6-7/8	175	8-7/8	225	1.0	24/85	17,22		
58	7AG58MF	580	85	720	32	10	254	7-1/4	184	7	178	1.0	24/85	17,22		
65	7AG65MF	750	140	885	45.5	12	305	7-3/8	187	7-5/8	194	1.0	24/85	17,22		
	6AG65MF	675	105	840	40							1.0	24/70	17,22		
75	7AG75MF	690	90	820	35.5	9-3/4	248	7	178	7-1/4	184	1.0	24/85	17,22		
78	7AG78MF	800	115	940	39	10-3/4	273	6-7/8	175	7-1/4	184	1.0	24/85	17,22		
	6AG78MF	730	100	865	38							1.0	24/70	17,22		
12-VOLT UNIVERSAL DUAL TERMINAL CALCIUM / SILVER MAINTENANCE-FREE																
24/24F/74	1024DT	930	120	1075	45	10-7/8	276	7	178	9	229	1.0	18/75	14,16,17,22		
26/26R/70	570DT	540	80	665	29.5	8-3/4	222	6-7/8	175	8	203	1.0	18/60	14,16,17,18,22,37		
34/78	778DT	875	120	1020	41	10-3/4	273	6-7/8	175	8	203	1.0	18/75	14,16,17,18,22,37		
	678DT	690	110	820	36.5							1.0	18/70	14,16,17,18,22,37		
	578DT	590	90	660	33.5							1.0	18/60	14,16,17,18,22,37		
	775DT	700	95	835	34.5							1.0	18/75	14,16,17,18,22,37		
75/86	675DT	650	90	800	33	9-3/4	248	7	178	8-1/8	206	1.0	18/70	14,16,17,18,22,37		
	575DT	570	85	710	32							1.0	18/60	14,16,17,18,22,37		
12-VOLT PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE																
22F	522FMF	See page 3, Lawn Mower - Garden Tractor - Small Engine section.										1.0	18/60			
24/24R	524/24R	550	90	650	35.5	10-3/4	273	6-3/4	171	9	229	1.0	18/60	14,17,22		
24	724MF	725	120	890	41	10-3/4	273	6-3/4	171	9	229	1.0	18/75	17,22		
	624MF	650	120	820	40							1.0	18/70	17,23,40		
	524MF	550	90	650	35.5							1.0	18/60	17,22		
	424MF	460	70	575	32							1.0	12/50	17,22		
	724FMF	725	120	890	41							1.0	18/75	17,22		
24F	624FMF	650	120	820	40	10-3/4	273	6-3/4	171	9	229	1.0	18/70	17,23,40		
	524FMF	550	90	650	35.5							1.0	18/60	17,22		
	424FMF	460	70	575	32							1.0	12/50	17,22		
25	525MF	550	90	675	33.5	9-3/4	248	6-7/8	175	8-7/8	225	1.0	18/60	17,22		
26	526MF	540	80	665	29.5	8-3/4	222	6-3/4	171	8	203	1.0	18/60	17,18,22,37		
	426MF	450	55	560	26							1.0	12/50	17,18,22,37		
26R	526RMF	540	80	665	29.5	8-3/4	222	6-3/4	171	8	203	1.0	18/60	17,18,22,37		
	426RMF	450	55	560	26							1.0	12/50	17,18,22,37		
26/26R	526/26R	540	80	665	29.5	8-3/4	222	6-3/4	171	8	203	1.0	18/60			
27	727MF	840	140	1010	49.5	12-5/8	321	6-3/4	171	9	229	1.0	18/75	17,21		
	627MF	710	120	860	45.5	12	305	6-3/4	171	9	229	1.0	18/70	21		
27F	727FMF	840	140	1010	49.5	12-5/8	321	6-3/4	171	9	229	1.0	18/75	17,21		
	627FMF	710	120	860	45.5	12-3/8	314	6-3/4	171	9	229	1.0	18/70	21		
34	734MF	800	115	960	38.5	10-3/4	273	6-7/8	175	8	203	1.0	18/75	17,18,22,37		
	634MF	690	110	820	36.5							1.0	18/70	17,18,22,37		
	534MF	550	90	690	33.5							1.0	18/60	17,18,22,37		
34R	734RMF	800	115	960	38.5	10-3/4	273	6-7/8	175	8	203	1.0	18/75	17,18,22,37		
	634RMF	690	110	820	36.5							1.0	18/70	17,18,22,37		
35	535MF	550	90	675	33.5	9-3/4	248	6-7/8	175	8-7/8	225	1.0	18/60	17,22		
36R	636RMF	650	130	800	42	10-1/4	260	7-1/4	184	8	203	1.0	18/70			
42/58R	642/58R	580	85	725	31.5	10	254	7-1/4	184	6-7/8	175	1.0	18/70	17,22		
	542/58R	500	75	630	28							1.0	18/60	17,22		
45	545MF	485	65	600	30.5	9-3/8	238	5-1/2	140	9	229	1.0	18/60			
50	650MF	600	108	750	43	13-3/8	330	5-3/8	136	8-7/8	225</					

GROUP NO.	PART NO.	PERFORMANCE LEVEL			WEIGHT (lbs)	MAXIMUM OVERALL DIMENSIONS						Core Value	Free Replace / Pro Rata	FOOTNOTES		
		CCA	R.C.	REF. CA		LENGTH		WIDTH		HEIGHT						
						WET	in	mm	in	mm	in				mm	
12-VOLT PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE (continued)																
55	755MF	585	90	725	33								1.0	18/75	17,18	
	555MF	500	70	600	29.5	8-3/4	222		6	152			1.0	18/60	17,18	
	658MF	580	85	725	31.5								1.0	18/70	17,22	
58	558MF	500	75	630	29	10	254		7-1/4	184		7	178	1.0	18/60	17,22
	458MF	460	70	550	28								1.0	12/50	17,22	
58R	658RMF	580	85	725	31.5	10	254		7-1/4	184		6-7/8	175	1.0	18/70	17,22
59	659MF	590	100	700	37	9-1/2	241		7-7/16	189		7-1/2	190	1.0	18/70	17
62	562MF	480	80	590	31.5	8-3/4	222		6-1/4	159		8-7/8	225	1.0	18/60	
64	664MF	630	115	785	42	11-3/4	298		6-1/4	159		8-7/8	225	1.0	18/70	
65	665MF	880	150	1040	45.5	12	305		7-3/8	187		7-5/8	194	1.0	18/70	17,22
	565MF	675	130	890	41								1.0	18/60	17,22	
70	570MF	540	80	665	29.5	8-3/4	222		7	178		7-1/8	181	1.0	18/60	17,18,22,37
	775MF	700	95	835	34.5								1.0	18/75	17,22	
75	675MF	650	90	800	33	9-3/4	248		7	178		7-1/4	184	1.0	18/70	17,22
	575MF	570	85	710	32								1.0	18/60	17,22	
	878MF	875	120	1020	41								1.0	18/75	17,22	
78	778MF	800	115	960	39	10-3/4	273		6-7/8	175		7-1/4	184	1.0	18/75	17,22
	678MF	690	110	820	36.5								1.0	18/70	17,22	
	578MF	550	90	690	33.5								1.0	18/60	17,22	
79	779MF	840	140	1000	43	12-1/16	307		7-1/16	179		7-3/8	188	1.0	18/75	22
85	685MF	650	110	775	35.5	9	229		6-7/8	175		8-1/8	206	1.0	18/70	22
86	686MF	700	95	835	34.5	9	229		6-7/8	175		8-1/8	206	1.0	18/70	22
	586MF	540	85	675	32								1.0	18/60	22	
101	6101MF	650	110	810	36	10-1/4	260		7-1/16	179		6-11/16	170	1.0	18/70	22
121R	6121RMF	540	80	665	29.5	8-1/4	210		6-15/16	177		8-1/8	206	1.0	18/70	
124R	6124RMF	670	110	810	38	10-1/4	260		6-7/8	175		8-3/8	212	1.0	18/70	22
12-VOLT VINTAGE VEHICLES & LIGHT COMMERCIAL																
3EE	403E	400	95	485	42	19-1/4	489		4-1/4	108		9	229	1.0	12/30	11,25
22NF	See page 3, Lawn Mower – Garden Tractor – Small Engine section.															
29NF	429NF	390	90	465	41	12-7/8	327		5-1/2	140		9	229	1.0	12/30	11,15,25
53	353	290	62	360	32.5	13	330		4-3/4	121		8-3/8	213	1.0	12/20	11,15,25
12-VOLT VALUE LINE MAINTENANCE-FREE																
26/70	VL70DT	450	55	560	27	8-3/4	222		6-7/8	175		8	203	1.0	6/55	14,16,17,22
34/78	VL78DT	525	80	650	32	10-3/4	273		6-7/8	175		8	203	1.0	6/55	14,16,17,22
75/86	VL75DT	550	80	690	32	9-3/4	248		7	178		8-1/8	206	1.0	6/55	14,16,17,22
24/24R	VL24/24R	440	70	550	32	10-3/4	273		6-3/4	171		9	229	1.0	6/55	14,17,22
26/26R	VL26/26R	440	55	560	27	8-3/4	222		6-3/4	171		8	203	1.0	6/55	14,17,22
58	VL58	430	65	520	27.5	10	254		7-1/4	184		7	178	1.0	6/55	17,22
65	VL65	650	120	865	38.5	12	305		7-3/8	187		7-5/8	194	1.0	6/55	17,22
70	VL70	450	55	560	27	8-3/4	222		7	178		7-1/8	181	1.0	6/55	17,22
75	VL75	475	60	590	28.5	9-3/4	248		7	178		7-1/4	184	1.0	6/55	17,22
31	VL31	700	120	875	49.5	13	330		6-3/4	171		9-1/2	241	1.5	6/30	19,22,X
31P	VL31P	700	120	875	49.5	13	330		6-3/4	171		9-1/2	241	1.5	6/30	19,22
6-VOLT LIGHT TRUCK — FARM TRACTOR — OLDER MODEL PASSENGER CARS																
1	701MF	610	120	750	30	9	229		6-7/8	175		8-3/4	222	1.0	12/20	25
2E	402E	620	190	750	42	19-1/4	489		4	102		8-7/8	225	1.0	12/20	11,15,25
19L	319L	440	120	560	26	8-1/4	210		6-3/4	171		7-1/2	191	1.0	12/20	11,15,25
8-VOLT COMMERCIAL SERVICE																
1	801	520	102	650	31.5	8-7/8	225		6-3/4	171		8-7/8	225	1.0	12/24	12,25
6-VOLT HEAVY-DUTY COMMERCIAL SERVICE																
1	901MF	650	180	815	33.5	9	229		6-7/8	175		8-3/4	222	1.0	12/30	21,25
2	902	780	200	940	36.5	10-3/8	264		6-7/8	175		8-3/4	222	1.0	12/30	12,25
3EH	93EH	875	230	1035	47.5	19-1/4	489		4-1/4	108		10	254	1.0	12/30	12,25
4	904MF	975	250	1170	47	12-1/2	318		6-7/8	175		9-1/2	241	1.5	12/30	21,25
5D	905D	880	250	1100	50	13-3/8	340		7-1/8	181		9-1/4	235	1.5	12/30	12,25
7D	907D	950	350	1120	59.5	15-3/4	400		7	178		9-1/8	232	2.0	12/30	11,25
12-VOLT HEAVY-DUTY COMMERCIAL SERVICE																
3ET	93ET	500	120	625	48	19-1/4	489		4-1/4	108		9-7/8	251	1.0	12/30	12,25
	904D	1050	290	1280	99.5								3.0	12/30	12,17,25	
4D	804D	950	250	1160	97	20-3/4	527		8-1/2	216		10-1/8	258	3.0	12/20	12,17,25
4DLT	94DLT	850	240	1005	80	20	508		8-1/8	206		8-1/8	206	2.0	12/30	12,19,25
	908DMF	1500	450	1825	134								4.0	12/30	17,21,25	
8D	908D	1400	430	1700	130	20-3/4	527		11	279		10	254	4.0	12/30	12,17,25
	708D	1100	325	1340	117.5								4.0	12/30	12,17,25	
17TF	917TF	530	140	630	58.5	17	432		6-7/8	175		8	203	1.5	12/30	11,15,19,25
28	928MF	550	100	685	41.5	10-1/4	260		6-3/4	171		9-1/2	241	1.0	12/30	21,22,X
	1130HMF	925	170	1110	57.5								1.5	12/30	19,21,22	
30H	930H	650	145	810	51	13	330		6-3/4	171		9-1/2	241	1.5	12/30	19,21,22
	1231MF	1125	195	1260	61								1.5	18/30	19,21,22,X	
	1131XMF	1000	185	1190	58								1.5	18/30	17,19,21,22,X	
	1131MF	950	175	1140	56.5	13	330		6-3/4	171		9-1/2	241	1.5	18/30	17,19,21,22,X
	1031MF	760	170	910	54.5								1.5	18/30	19,21,22,X	
	931MF	650	145	810	51								1.5	18/30	19,21,22,X	
	1231PMF	1125	195	1260	61								1.5	18/30	19,21,22	
	1131XPMF	1000	185	1190	58								1.5	18/30	17,19,21,22	
31P	1131PMF	950	175	1140	56.5	13	330		6-3/4	171		9-1/2	241	1.5	18/30	17,19,21,22
	1031PMF	760	170	910	54.5								1.5	18/30	19,21,22	
	931PMF	650	145	810	51								1.5	18/30	19,21,22	
12-VOLT HEAVY-DUTY COMMERCIAL SEVERE SERVICE/DUAL PURPOSE (W/ DOUBLE INSULATED GLASS MAT SEPARATORS)																
31	7T31	730	190	940	62.5								1.5	18/30	19,21,22,43,X	
31P	7T31P	730	190	940	62.5	13	330		6-3/4	171		9-1/2	241	1.5	18/30	19,21,22,43
31	DP31CS	700	185	875	57								1.5	18/30	19,21,22,43,X	
31P	DP31PCS	700	185	875	57								1.5	18/30	19,21,22,43	
12-VOLT HEAVY-DUTY COMMERCIAL — AGM — DEEP CYCLE / DUAL PURPOSE STARTING																
31	8A31	800	200	1000	69								1.5	12/36	2,13,X	
	8A31H	800	200	1000	69	13	330		6-3/4	171		9-1/2	241	1.5	12/36	2,13,17,X
12-VOLT LAWN MOWER — GARDEN TRACTOR — SMALL ENGINE CALCIUM MAINTENANCE-FREE																
	11U1L	350	—	410	19								0.5	6/12	22,Z	
	10U1L															

GROUP NO.	PART NO.	PERFORMANCE LEVEL			WEIGHT (lbs)		LENGTH		WIDTH		HEIGHT		Core Value	Free / Pro Rate	FOOTNOTES	
		CCA	R.C.	REF. CA / MCA	WET	DRY	in	mm	in	mm	in	mm				
12-VOLT MARINE / RV STARTING CALCIUM / SILVER MAINTENANCE-FREE																
24	24M7	800	130	1000	45							1.0	12/24	17,22,U		
	24M6	650	120	820	40			10-3/4	273	6-3/4	171	9-3/8	238	1.0	12/24	17,22,U
	24M5	550	90	650	35.5							1.0	12/24	17,22,U		
	24M4	460	70	575	32							1.0	12/24	17,22,U		
27	27M6	840	182	1050	56			12-1/2	318	6-3/4	171	9-3/8	238	1.0	12/24	17,U
GROUP NO.	PART NO.	CCA	REF. MCA	MINS @ 23 A	MINS @ 25 A	20 HR CAP	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES
12-VOLT MARINE / RV DUAL PURPOSE STARTING / CYCLE SERVICE																
24	DP24	550	685	140	120	65	42	10-3/4	273	6-3/4	171	9-3/8	238	1.0	12/24	12,17,U
27	DP27	650	810	175	150	80	49	12-1/2	318	6-3/4	171	9-3/8	238	1.0	12/24	12,17,U
31	DP31DT	700	875	205	185	100	57	13	330	6-3/4	171	9-1/2	241	1.5	12/24	17,21,22,U
12-VOLT MARINE / RV DEEP CYCLE SERVICE																
24	DC24	500	625	150	130	75	45	10-3/4	273	6-3/4	171	9-3/8	238	1.0	12/24	11,17,35,U
27	DC27	575	715	200	175	90	53	12-1/2	318	6-3/4	171	9-3/8	238	1.0	12/24	11,17,35,U
31	DC31DT	650	810	225	185	105	59	13	330	6-3/4	171	9-1/2	241	1.5	12/24	11,17,21,22,35,U
<i>Note: The three "DC" deep cycle part numbers above include double insulated glass mat separators.</i>																
GROUP NO.	PART NO.	CCA	RES. CAP.	REF. MCA	20 HR CAP	WEIGHT KGS	LBS	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES
MARINE / RV AGM SEALED VALVE REGULATED																
U1	8AU1HM	200	48	240	32	10.9	24	8-5/16	211	5-1/8	130	7-1/4	184	0.5	3/6	2,17,38,39,Y
22NF	8A22NFM	350	85	420	55	17.5	38.5	9-3/8	238	5-1/2	140	9-1/4	235	0.5	3/6	2,38,39,G
24M	8A24M	525	135	735	79	24	53	10-7/8	276	6-3/4	171	9-7/8	251	1.0	12/36	2,17,38,39,U
27M	8A27M	580	175	810	92	28.6	63	12-3/4	324	6-3/4	171	9-7/8	251	1.0	12/36	2,17,38,39,U
31	8A31DTM	800	200	1000	105	31.3	69	12-15/16	329	6-3/4	171	9-3/8	238	1.5	12/36	2,16,17,U
4D	8A4DM	1110	380	1420	198	58.5	129	20-3/4	527	8-1/2	216	10	254	3.0	12/36	2,17
8D	8A8DM	1450	480	1800	245	71.7	158	20-3/4	527	11	279	10	254	4.0	12/36	2,17
GC2	8AGC2M	680	380	900	190	32	69.5	10-1/4	260	7-1/8	181	10-7/8	276	1.5	3/12	2,U
	ETX16LM	325	10 HR Capacity = 19			7.7	17	6-7/8	175	4	100	6-1/8	155	0.2	3/12	2,38,39,42,74
	ETX20LM	310	10 HR Capacity = 17.5			7	15.5	6-7/8	175	3-7/16	88	6-1/8	155	0.2	3/12	2,38,39
MARINE / RV GEL SEALED VALVE REGULATED																
U1	8GU1HM	200	44	290	31.6	10.6	23.4	8-5/16	211	5-1/8	130	7-1/4	184	0.5	3/6	4,17,38,39,Y
24M	8G24M	410	132	575	73.6	23.8	52.5	10-7/8	276	6-3/4	171	9-7/8	251	1.0	12/60	4,17,38,39,U
27M	8G27M	505	160	700	88	28.6	63.2	12-3/4	324	6-3/4	171	9-7/8	251	1.0	12/60	4,17,38,39,U
31	8G31DTM	550	180	780	97.6	31.7	70	12-15/16	329	6-3/4	171	9-3/8	238	1.5	12/60	4,16,17,38,39,U
GC2	8GGC2M	585	345	850	180	31	68.4	10-1/4	260	7-1/8	181	10-7/8	276	1.5	3/12	4,38,39,U
4D	8G4DM	970	375	1245	183	57.5	127	20-3/4	527	8-1/2	216	10	254	3.0	12/60	4,17,38,39
8D	8G8DM	1150	475	1470	225	71.1	157	20-3/4	527	11	279	10	254	4.0	12/60	4,17,38,39
GROUP NO.	PART NO.	CCA	REF. MCA	8 HR CAP	6 HR CAP	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES	
8-VOLT MARINE AND INDUSTRIAL																
981	8V195	980	1170	170	166	90		20-3/4	527	7-1/4	184	10-5/8	270	2.0	6/24	11,15,17,25
983	819	510	610	167	158	119		24-1/2	622	7-1/2	191	10-1/2	267	3.0	6/24	11,17,20,25,35,T
984	821	530	635	187	177	135		27-1/2	699	7-1/2	191	10-1/2	267	3.0	6/24	11,17,20,25,35,T
985	825	730	870	224	212	160		26-7/8	683	8-1/2	216	11-3/4	298	4.0	6/24	11,17,20,25,35,F
GROUP NO.	PART NO.	MINS @ 23 A	MINS @ 25 A	20 HR CAP	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES		
12-VOLT DEEP CYCLE — EV — WHEELCHAIR — MARINE																
U1	EVU1	54	48	31	19	8-3/4	222	5-1/8	130	7-1/4	184	0.5	6/12	12,17,25,Z		
24	EV24	150	130	75	45	10-3/4	273	6-3/4	171	9-3/8	238	1.0	6/12	11,17,35,U		
27	EV27	200	175	90	53	12-1/2	318	6-3/4	171	9-3/8	238	1.0	6/12	11,17,35,U		
31	EV31	230	210	110	65.5	13	330	6-3/4	171	9-1/2	241	1.5	6/12	11,17,21,22,X		
GROUP NO.	PART NO.	CCA	RES. CAP.	20 HR CAP	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES		
ORDNANCE																
2HN 4HN	See page 4, Dry Charged Batteries section															
6TL	6TMF	750	230	120	73	11-1/4	286	10-1/2	267	9	229	2.0	6/24	6,17,21,25		
GROUP NO.	PART NO.	CCA	RES. CAP.	6 HR CAP	MINS @ 75 A	20 HR CAP	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES
6-VOLT FLOOR SCRUBBER AND SWEEPER																
901	9C11	—	—	210	130	250	73	11-3/4	298	7	178	11-1/2	292	1.5	6/12	4,11,17,19,25,34,V
	8C11	—	—	190	120	235	66.5	11-3/4	298	7	178	14-3/8	365	2.0	6/12	4,11,17,19,25,34,V
902	8C6V	—	—	270	170	330	97.5	11-3/4	298	7	178	14-3/8	365	2.0	6/12	4,11,17,19,25,34,V
903	8L16	—	—	295	190	370	113	11-3/4	298	7	178	16-1/2	419	2.5	6/12	4,11,17,19,25,34,W
12-VOLT FLOOR SCRUBBER AND SWEEPER																
921	9C12	—	—	180	115	228	127	15-1/2	394	7	178	14-1/4	362	3.0	6/12	11,17,25,34,V
	8C12	—	—	160	90	195	116	15-1/2	394	7	178	14-1/4	362	3.0	6/12	11,17,25,34,V
920	8KFS	600	210	110	55	135	81	13-5/8	346	6-3/4	171	11-1/2	292	1.5	6/12	11,17,25,34
GROUP NO.	PART NO.	20 HR CAP	5 HR CAP	MINS. DISCHARGED @ 75 A	56 A	25 A	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES
GOLF CAR — EV — MOTIVE POWER — DEEP CYCLE SERVICE																
GC2	GC25	235	188	132	—	488	68					1.5	6/12	4,11,36,U		
	GC15	230	174	120	—	448	64	10-1/4	260	7-1/8	181	10-7/8	276	1.5	6/12	4,11,36,U
	GC10	215	157	105	—	395	60.5					1.5	6/10	11,36,U		
GC2H	GC45	255	203	145	—	530	77	10-1/4	260	7-1/8	181	11-7/8	302	1.5	6/12	4,11,36,U
GC8	GC8V	165	130	85	121	318	68	10-1/4	260	7-1/8	181	11-1/8	283	1.5	6/12	4,11,36,G
	GC12V	155	—	77	110	292	90	13-1/8	333	7-1/16	179	11-3/8	289	1.5	6/12	7,11,O
GROUP NO.	PART NO.	CCA	RES. CAP.	REF. CA	WEIGHT WET	LENGTH in	mm	WIDTH in	mm	HEIGHT in	mm	Core Value	Free / Pro Rate	FOOTNOTES		
12-VOLT GOLF CAR STARTING BATTERY																
For gas engine golf cars with T881 terminal:																
24/26	526G	540	80	665	29.5			8-3/4	222	6-3/4	171	8	203	1.0	6/12	17,22,G
	426G	450	55	560	26							1.0	6/12	17,22,G		



B. Flag terminal w/ 3/8" diameter hole (T876)
 C. 1/4" x 20 Copper Insert Terminal
 F. Standing upright terminal w/ 3/8" diameter hole (T877)
 G. Offset post w/ horizontal hole, stainless steel 5/16" bolt and hex nut (T881)

O. Offset post w/ vertical stainless steel 5/16" stud and hex nut (T872)
 T. Heavy Duty L terminal w/ 3/8" diameter hole (T975)
 U. Molded-in offset SAE post and vertical 5/16" NEG., 5/16" POS. stainless steel studs & hex nuts

V. Molded-in offset SAE post and vertical 5/16" NEG., 5/16" POS. stainless steel studs
 W. "L" type terminal w/ 5/16" diameter hole (T882)
 X. 3/8" x 16 stainless steel stud posts
 Y. Small L terminal with round holes
 Z. Small L terminal with square holes

GROUP NO.	PART NO.	PERFORMANCE LEVEL				WEIGHT		LENGTH		WIDTH		HEIGHT		Core Value	Free / Pro Rata	FOOTNOTES
		MIN. DISC @ 25 A	20 HR CAP	3 HR CAP	1 HR CAP	KGS	LBS	in	mm	in	mm	in	mm			
AGM SEALED VALVE REGULATED																
U1	8AU1	54	32	26.5	23	10.9	24	7-3/4	197	5-1/8	130	7-1/4	184	0.5	3/6	2,38,39,Y
	8AU1H	54	32	26.5	23	10.9	24	8-5/16	211	5-1/8	130	7-1/4	184	0.5	3/6	2,17,38,39,Y
22NF	8A22NF	95	55	45	35.5	17.5	38.5	9-3/8	238	5-1/2	140	9-1/4	235	0.5	3/6	2,38,39,G
24	8A24	145	79	65	50.5	24	53	10-7/8	276	6-3/4	171	9-7/8	251	1.0	12/36	2,17,38,39,G
	8A24NH	145	79	65	50.5	24	53	10-1/4	260	6-3/4	171	9-7/8	251	1.0	12/36	2,38,39,G
27	8A27	185	92	75	59	28.6	63	12-3/4	324	6-3/4	171	9-7/8	251	1.0	12/36	2,17,38,39,G
31	8A31DT	210	105	85	68.2	31.3	69	12-15/16	329	6-3/4	171	9-3/8	238	1.5	12/36	2,16,17,U
4D	8A4D	413	198	150	115	58.5	129	20-3/4	527	8-1/2	216	10	254	3.0	12/36	2,17
8D	8A8D	517	245	182	151	71.7	158	20-3/4	527	11	279	10	254	4.0	12/36	2,17
GC2	8AGC2	409	190	145	103	32	69.5	10-1/4	260	7-1/8	181	10-7/8	276	1.5	3/12	2,U
GEL SEALED VALVE REGULATED																
U1	8GU1	47	31.6	25.5	21	10.6	23.4	7-3/4	197	5-1/8	130	7-1/4	184	0.5	3/6	4,38,39,Y
	8GU1H	47	31.6	25.5	21	10.6	23.4	8-5/16	211	5-1/8	130	7-1/4	184	0.5	3/6	4,17,38,39,Y
22NF	8G22NF	82	51	39.9	31.8	16.8	37	9-3/8	238	5-1/2	140	9-1/4	235	0.5	3/6	4,38,39,G
24	8G24	140	73.6	59.3	48.5	23.6	52	10-7/8	276	6-3/4	171	9-7/8	251	1.0	12/60	4,17,38,39,G
	8G24NH	140	73.6	59.3	48.5	23.6	52	10-1/4	260	6-3/4	171	9-7/8	251	1.0	12/60	4,38,39,G
	8G24SS	140	73.6	59.3	48.5	23.6	52	10-1/4	260	6-3/4	171	8-1/4	210	1.0	12/60	4,38,39,C
27	8G27	170	88	69.9	57	28.4	62.7	12-3/4	324	6-3/4	171	9-7/8	251	1.0	12/60	4,17,38,39,G
	8G27/T876	170	88	69.9	57	28.4	62.7	12-3/4	324	6-3/4	171	9-1/4	235	1.0	12/60	4,17,38,39,B
30H	8G30H	190	97.6	78.6	64.5	31.5	69.5	12-15/16	329	6-3/4	171	9-3/4	248	1.5	12/60	4,17,38,39,B
31	8G31	190	97.6	78.6	64.5	31.5	69.5	12-15/16	329	6-3/4	171	9-3/8	238	1.5	12/60	4,17,38,39,X
34	8G34R	96	60	38.2	36	18.8	41.5	10-3/16	259	6-5/8	169	7	178	1.0	12/60	4,38,39,C
	8G40C	63	40	31.9	25.8	14.4	31.7	7-3/4	197	6-5/8	168	6-7/8	175	0.5	3/6	4,38,39,C
GC2	8GGC2	375	180	136	99	31	68.4	10-1/4	260	7-1/8	181	10-7/8	276	1.5	3/12	4,38,39,U
GC8	8GBVGC	270	140	107	90.5	31.5	69.5	10-1/4	260	7-1/8	181	10-7/8	276	1.5	3/12	4,G
4D	8G4D	395	183	148	122	57.5	127	20-3/4	527	8-1/2	216	10	254	3.0	12/60	4,17,38,39
8D	8G8D	500	225	182	150	71.1	157	20-3/4	527	11	279	10	254	4.0	12/60	4,17,38,39
	CCA	10 HR CAPACITY														
POWER SPORTS AGM SEALED VALVE REGULATED																
	ETX9	120		8		2.9	6.3	5-7/8	150	3-7/16	88	4-3/16	106	0.2	3/12	2,38,39
	ETX12	180		10		4.3	9.4	5-7/8	150	3-7/16	88	5-1/8	130	0.2	3/12	2,38,39
	ETX14	220		12		5.4	12	5-7/8	150	3-7/16	88	5-3/4	145	0.2	3/12	2,38,39,42,75
	ETX15	220		14		5	11	5-1/4	134	3-1/2	90	6-9/16	166	0.2	3/12	2,38,39,42,76
	ETX15L	220		14		5	11	5-1/4	134	3-1/2	90	6-9/16	166	0.2	3/12	2,38,39
	ETX16	325		19		7.7	17	6-7/8	175	4	100	6-1/8	155	0.2	3/12	2,38,39,42,74
	ETX16L	325		19		7.7	17	6-7/8	175	4	100	6-1/8	155	0.2	3/12	2,38,39,42,74
	ETX18L	340		20		8.2	18	8-1/8	206	3-9/16	91	6-3/8	163	0.2	3/12	2,38,39
	ETX20L	310		17.5		7	15.5	6-7/8	175	3-7/16	88	6-1/8	155	0.2	3/12	2,38,39
	ETX30L	400		26		9.8	21.7	6-5/8	168	5-3/16	131	6-7/8	175	0.2	3/12	2,38,39
	ETX30LA	400		26		9.8	21.7	6-5/8	168	5-3/16	131	7-3/4	197	0.2	3/12	2,38,39,78
DRY CHARGED BATTERIES																
GROUP NO.	PART NO.	PERFORMANCE LEVEL			VOLTS	WEIGHT		LENGTH		WIDTH		HEIGHT		Core Value	Free / Pro Rata	FOOTNOTES
		CCA	RES. CAP.	REF. CA		DRY	in	mm	in	mm	in	mm				
24	624MFD	650	100	820	12	26	10-3/4	273	6-3/4	171	9	229	1.0	18/70	17,23	
24F	624FMFD	650	100	820	12	26	10-3/4	273	6-3/4	171	9	229	1.0	18/70	17,23	
1	801D	520	102	650	8	19	8-7/8	225	6-3/4	171	8-7/8	225	1.0	12/24	12,25	
1	901MFD	650	180	815	6	18	9	229	6-7/8	175	8-3/4	222	1.0	12/30	21,25	
3D	903DY	1400	675	1660	6	84	20-3/8	518	8-3/4	222	10	254	3.0	12/30	11,17,20,25,32	
7D	907DY	950	350	1120	6	34	15-3/4	400	7	178	9-1/8	232	2.0	12/30	11,25	
4D	904DY	1050	290	1280	12	58	20-3/4	527	8-1/2	216	10-1/8	258	3.0	12/30	12,17,25	
8D	908DY	1400	430	1700	12	80	20-3/4	527	11	279	10	254	4.0	12/30	12,17,25	
31	1131XMFD	1000	185	1190	12	43	13	330	6-3/4	171	9-1/2	241	1.5	18/30	19,21,22,X	
U1	9U1LD	275	—	335	12	11.5	7-3/4	197	5-1/8	130	7-1/4	184	0.5	6/12	8,22,Z	
U1	9U1RD	275	—	335	12	11.5	7-3/4	197	5-1/8	130	7-1/4	184	0.5	6/12	8,22,Y	
22F	522FMFD	425	65	540	12	18	9-3/8	238	6-3/4	171	8-1/4	210	1.0	6/12		
22NF	322NFD	360	58	430	12	17.5	9-3/8	238	5-1/2	140	9	229	0.5	6/12	12	
2HN	2HND	400	75	45	12	25	10-1/4	260	5-1/4	133	9	229	1.0	6/24	12,21,25,32	
4HN	4HND	235	28	21	24	27.5	10-1/4	260	5-1/4	133	9	229	1.0	6/24	11,17,21,25,32	
6TL	6TMFD	750	230	120	12	52	11-1/4	286	10-1/2	267	9	229	2.0	6/24	6,17,21,25	
981	8V195D	980	—	1170	8	60	20-3/4	527	7-1/4	184	10-5/8	270	2.0	6/24	11,15,17,25	
GROUP NO.	PART NO.	PERFORMANCE LEVEL			VOLTS	WEIGHT		LENGTH		WIDTH		HEIGHT		Core Value	Free / Pro Rata	FOOTNOTES
		20 HR CAP	6 HR CAP	MIN @ 75 A		DRY	in	mm	in	mm	in	mm				
901	9C11D	250	210	130	6	52.5	11-3/4	298	7	178	11-1/2	292	1.5	6/12	4,11,17,19,25,34,V	
901	8C11D	235	190	120	6	48	11-3/4	298	7	178	11-1/2	292	1.5	6/12	4,11,17,19,25,34,V	
902	8C6VD	330	270	170	6	65.5	11-3/4	298	7	178	14-3/8	365	2.0	6/12	4,11,17,19,25,34,V	
903	8L16D	370	295	190	6	83	11-3/4	298	7	178	16-1/2	419	2.5	6/12	4,11,17,19,25,34,W	
921	9C12D	228	180	115	12	95.5	15-1/2	394	7	178	14-1/4	362	3.0	6/12	11,17,25,34,V	
921	8C12D	195	160	90	12	83	15-1/2	394	7	178	14-1/4	362	3.0	6/12	11,17,25,34,V	
920	8KFSD	135	110	55	12	53	13-5/8	346	6-3/4	171	11-1/2	292	1.5	6/12	11,17,25,34	
GC2	GC15D	230	174	120	6	44	10-1/4	260	7-1/8	181	10-7/8	276	1.5	6/12	4,11,34,U	

- All batteries are maintenance-free calcium grids except where noted
- All batteries manufactured in polypropylene cases and covers except where noted
- All batteries manufactured in black case and black cover except where noted
- All batteries, except Power Sports, have SAE automotive post unless noted
- Warranty is suggested months
- All weights are approximate weight
- MCA and CA ratings @ 32°F for comparison only
- All ratings except CCA and RC are "nominal"
- Ratings conform to B.C.I. specifications
- Dry = up to 10% reduced capacity

- Dual terminal universal design
- Includes handle
- Includes top adapter
- Includes lifting ledges
- Hard rubber, multi-cell cover construction
- Anchor lock elements
- Flush manifold vented cover
- Flush manifold vented cover when shipped wet, standard cover when shipped dry or FP
- With individual vent caps
- Available dry charged only
- Reavails after 15 cycles
- Deduct 15% from CCA and CA rating shown to allow for double insulation (glass mat)
- Peak performance capacity
- For height with adapter add 7/8" (22mm)
- "Non-spillable" defined by DOT (Department of Transportation) definitions
- "Non-spillable" defined by ICAO (International Civil Aviation Organization) and IATA (International Air Transport Association) definitions
- Height without adapter
- Warranty is 12 months in deep cycle service
- Shipped with 20mm adapter
- Shipped with two (2) 17mm adapters
- Shipped with 10mm adapter
- Shipped with 22mm height adapter

FOOTNOTES

- Black cover / Gray case
- Gold cover / Gray case
- Gray cover / Gray case
- Black cover / Brown Case
- Dark blue cover / Dark blue case
- Dry charged batteries have black covers & white cases
- Low maintenance-low antimony grids
- Hybrid construction
- Absorbed Glass Mat technology
- Centerline terminal posts
- Hard rubber, one-piece cover construction