



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Purchase Order

PURCHASE ORDER NO. AEBATT04

PAGE 1

BLANKET RELEASE 00

CORRECT PURCHASE ORDER NUMBER MUST APPEAR ON ALL PACKAGES INVOICES, AND SHIPPING PAPERS. QUESTIONS CONCERNING THIS PURCHASE ORDER SHOULD BE DIRECTED TO THE BUYER AS NOTED BELOW

CHANGE ORDER

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

INVOICE TO	ALL STATE AGENCIES AND POLITICAL SUBDIVISIONS VARIOUS LOCALES AS INDICATED BY ORDER
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VENDOR	*709043114 304-949-2841 TAYLOR & BLACKBURN BATTERY CO HC81 BOX 392A HERNSHAW WV 25107
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SHIP TO	AGENCY COPY ALL STATE AGENCIES AND POLITICAL SUBDIVISIONS VARIOUS LOCALES AS INDICATED BY ORDER
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DATE PRINTED 05/25/2004	TERMS OF SALE NET 30	FEIN/SSN 550533323	FUND
SHIP VIA BEST WAY	F.O.B. DESTINATION	FREIGHT TERMS PREPAID	ACCOUNT NUMBER MUL-MUL

LINE	QUANTITY	UOP	VENDOR ITEM NO.	UNIT PRICE	AMOUNT
	DELIVERY DATE	CAT. NO.	ITEM NUMBER		
0001	06/14/2005		060-12		
	AUTOMOTIVE AND EQUIPMENT STORAGE BATTERIES				
	OPEN END CONTRACT				
	SEE ATTACHED				
	EXHIBIT 3				
	LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON JUNE 15, 2004 AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.				
	UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.				
					WV STATE PURCHASING DIVISION ADMINISTRATION UNIT CERTIFIED ENCUMBERED JUN 03 2004 <i>Beverly Toler</i>

IF APPROVAL AS TO FORM IS REQUIRED BY ATTORNEY GENERAL, CHECK HERE

APPROVED FOR
 ONE FISCAL YEAR
Dwayne Wayfield

APPROVED AS TO FORM BY
 ASSISTANT ATTORNEY GENERAL

BY *John Johnston*
 JOHN JOHNSTON
 PURCHASING DIVISION AUTHORIZED SIGNATURE

OPEN END
TOTAL
 304-558-2402

**GENERAL TERMS & CONDITIONS
PURCHASE ORDER/CONTRACT**

1. **ACCEPTANCE:** Seller shall be bound by this order and its terms and conditions upon receipt of this order.
2. **APPLICABLE LAW:** The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
3. **NON-FUNDING:** All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the terms of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
4. **COMPLIANCE:** Seller shall comply with all Federal, State and local laws, regulations and ordinances including, but not limited to, the prevailing wage rates of the WV Division of Labor.
5. **MODIFICATIONS:** This writing is the parties final expression of intent. No modification of this order shall be binding unless agreed to in writing by the Buyer.
6. **ASSIGNMENT:** Neither this Order nor any monies due, or to become due hereunder may be assigned by the Seller without the Buyer's consent.
7. **WARRANTY:** The Seller expressly warrants that the goods and/or services covered by this Order will: [a] conform to the specifications, drawings, samples or other description furnished or specified by the Buyer; [b] be merchantable and fit for the purpose intended; and/or [c] be free from defect in material and workmanship.
8. **CANCELLATION:** The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the Seller.
9. **SHIPPING, BILLING & PRICES:** Prices are those stated in this order. No price increase will be accepted without written authority from the Buyer. All goods or services shall be shipped on or before the date specified in this Order.
10. **LATE PAYMENTS:** Payments may only be made after the delivery of goods or services. Interest may be paid on late payments in accordance with the *West Virginia Code*.
11. **TAXES:** The State of West Virginia is exempt from Federal and State taxes and will not pay or reimburse such taxes.
12. **RENEWAL:** Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor / contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.



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VENDOR	*709043114 304-949-2841
	TAYLOR & BLACKBURN BATTERY CO
	HC81 BOX 392A
	HERNSHAW WV 25107

SHIP TO	ALL STATE AGENCIES AND POLITICAL SUBDIVISIONS VARIOUS LOCALES AS INDICATED BY ORDER
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05/25/2004	NET 30	550533323	
SHIP VIA	F.O.B.	FREIGHT TERMS	ACCOUNT NUMBER
BEST WAY	DESTINATION	PREPAID	MUL-MUL

LINE	QUANTITY	UOP	VENDOR ITEM NO.	UNIT PRICE	AMOUNT
	DELIVERY DATE	CAT. NO.	ITEM NUMBER		
<p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT,</p>					

IF APPROVAL AS TO FORM IS REQUIRED BY ATTORNEY GENERAL, CHECK HERE

TOTAL

APPROVED AS TO FORM BY
 ASSISTANT ATTORNEY GENERAL

BY _____
 PURCHASING DIVISION AUTHORIZED SIGNATURE



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 AND POLITICAL SUBDIVISIONS
 VARIOUS LOCALES AS INDICATED
 BY ORDER

VENDOR

*709043114 304-949-2841
 TAYLOR & BLACKBURN BATTERY CO
 HC81 BOX 392A

 HERNSHAW WV 25107

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WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.					
ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.					
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.					
THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.					
REV. 04/11/2001					
PURCHASING CARD ACCEPTANCE: THE STATE OF WEST VIRGINIA CURRENTLY UTILIZES A VISA PURCHASING CARD PROGRAM WHICH IS ISSUED THROUGH A LOCAL BANK. THE SUCCESSFUL VENDOR MUST ACCEPT THE STATE OF WEST VIRGINIA VISA PURCHASING					

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LINE	QUANTITY	UOP	VENDOR ITEM NO.	UNIT PRICE	AMOUNT
	DELIVERY DATE	CAT. NO.	ITEM NUMBER		
CARD FOR PAYMENT OF ALL ORDERS PLACED BY ANY STATE AGENCY FOR ORDERS THAT ARE LESS THAN \$2,500 AS A CONDI- TION OF AWARD.					

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 ASSISTANT ATTORNEY GENERAL

BY _____
 PURCHASING DIVISION AUTHORIZED SIGNATURE

AUTOMOTIVE AND EQUIPMENT LEAD ACID BATTERIES

General Information:

This contract is to furnish automotive and equipment lead acid batteries for vehicles and equipment owned and/or leased by various agencies and political subdivisions. It is the intent of this contract to cover current product applications and any new product applications as they become available. The D.O.H. is the largest single user of this contract.

Delivery:

Vendor will deliver to various agencies and political subdivisions as ordered at quoted contract price FOB destination. Vendor will deliver all D.O.H. batteries to the states ten D.O.H. Headquarters and Equipment Division, Buckhannon as ordered at quoted contract price FOB destination. Normal use requirements will be ordered three (3) working days in advance of the required delivery date. The state prefers that delivery be made in three (3) working days. Emergency requirements or situations, which cannot be scheduled in advance, will require 24 hour delivery.

Pricing:

All prices quoted are to be FOB destination stated herein. All batteries will be quoted at a discount from a manufacturers or jobbers price list. Vendor must submit this price list and identify the percentage of discount. Vendor's price list must have manufacturers name, distributors name, (if not the same), address, phone number, price list number, effective date, BCI group number, part number, warranty units, CCA's and price. All pricing on the submitted price list should not show junk core value removed or exchange price. Prices offered for batteries listed will be verified against prices computed from vendor's price list and applicable discounts. Vendors must offer only one price list/catalog per bid. A mixture of price lists will be cause to reject the bid. The discount rate quoted must remain firm for the life of the contract.

The Vendor Is To Complete The Following:

Vendors Name: Taylor & Blackburn Battery Co., Inc.

Coordinator Name: Randy Woodruff

Address: HC 81 Box 392A, Hernshaw, WV 25107

Phone Number: 304 949-2841

Fax Number: 304 949-2989

Manufacturer Name: East Penn Mfg. Co., Inc

Address: Deka Road, Lyon Station, PA 19536

The Vendor Is To Complete The Following: (continued)

Amount of credit allowance for junk cores: .50¢

Vendors E.P.A. permit number: 002330165

Price List Number: SC55

Effective Date: 04/05/2004

Percentage of Discount: 5%

Battery Warranty:

Any battery which becomes unserviceable (not merely discharged) due to defects in material or workmanship within 90 days of delivery vendor will replace fully to the original purchaser. After the expiration of the 90 days warranty period the vendor agrees to replace to the original purchaser, on a pro-rata basis during its insured life. Based on current suggested list price which is in effect at the time of the bid. Warranty will not apply in the following cases: If the container, cover, or terminals are broken; if battery has been opened, frozen, or damaged due to neglect or abuse including fire, wreckage, or explosion. Warranty product must be made within 30 days upon receipt of a returned battery.

Specifications:

All batteries must conform to the current edition of Battery Council International (BCI) guidelines on Cold Cranking Amps (CCA) and Reserve Capacity (RC). All batteries being submitted to the bid sheet itself should meet or exceed minimum performance levels which are stated. The performance levels are based on the states requirements and original equipments specifications. All materials and workmanship used in the construction of batteries within this contract must be first class to industry practice. All batteries furnished within this contract must be of a wet type and ready for service upon delivery. All batteries furnished within this contract must be manufactured within the United States and have on them manufacturers trade name, its part number, and its CCA rating.

Junk Core Removal:

The vendor will be required to remove junk cores on a one for one basis, if required by various agencies and political subdivisions. Vendor must also show the amount of credit allowance per junk core removed. The D.O.H. may at its option have their junk cores removed by sealed bid. The vendor must also submit an EPA permit number showing that they are an approved EPA recycler and hauler of lead acid junk cores.

EAST PENN MANUFACTURING CO.

EFFECTIVE 4/5/2004

GROUP	TYPE NO.	WARR.	CCA	PRICE
DUAL TERMINAL CALCIUM MAINTENANCE FREE				
24/78	1024DT	70	1000	58 19
	724DT	70	875	53 27
75/86	775DT	70	720	43 94
	675DT	65	630	39 73
	575DT	60	550	36 86
34/78	734/78	70	850	49 94
	634/78	65	690	38 60
	534/78	60	525	37 61
CALCIUM MAINTENANCE FREE PASSENGER CAR				
22F	622FMF	65	425	35 33
26	526A	60	525	32 17
	426A	50	425	28 67
26R	526RA	60	525	32 17
	426RA	50	425	28 67
24	624MF	65	675	39 43
	524MF	60	550	34 05
24F	624FMF	65	675	39 43
	524FMF	60	550	34 05
25	525MF	60	550	34 04
27	627MF	65	675	47 61
27F	627FMF	65	675	47 61
29NF	429NFD	30	390	68 92
34	634MF	65	690	39 60
	534MF	60	525	34 00
34R	634RMF	65	690	41 58
35	535MF	60	550	34 04
41	641MF	65	660	49 85
42/58R	642/58R	65	580	37 30
	442/58R	50	500	33 65
45	545MF	60	460	35 48
47/90	547/90	60	595	46 29
48/91	648/91	65	700	53 96
49/93	649/93	65	800	61 48
50	650	65	600	60 99
51	551MF	60	450	34 31
51R	551RMF	60	450	34 31
53	353	20	290	59 14
58	658MF	65	580	31 52
	458MF	50	500	30 49
	358MF	40	430	29 62
58R	658RMF	65	580	35 75
64	664MF	65	630	42 62
65	665MF	65	880	51 34
	565MF	60	650	42 78
75	775MF	70	720	35 32
	675MF	65	630	34 88
	575MF	60	550	33 01
78	778MF	70	770	45 29
	678MF	65	690	40 60
	578MF	60	550	34 52

TAYLOR BLACKBURN BATTERY CO.

HC81 BOX 392A

HERNSHAW, WV 25107 304-949-2841

GROUP	TYPE NO.	WARR.	CCA	PRICE
CALCIUM/SILVER MAINTENANCE FREE PASS CAR				
75/86	7AG75DT	85	690	44 48
34/78	7AG34/78	85	800	51 56
25	7AG25MF	85	590	38 78
35	7AG35MF	85	590	38 78
58	7AG58MF	85	570	36 90
65	7AG65MF	85	750	51 51
75	7AG75MF	85	690	41 52
78	7AG78MF	85	800	49 73
VALUE LINE CALCIUM MAINTENANCE FREE				
26/26R/70	VL70DT	55	445	28 61
75/86	VL75DT	55	560	34 20
34/78	VL78DT	55	550	35 75
26/26R	VL26/26R	55	440	28 61
24/24R	VL24/24R	55	440	28 61
58	VL58	55	410	28 62
65	VL65	55	650	40 42
75	VL75	55	470	28 61
HEAVY DUTY COMMERCIAL SERVICE				
2E	402E	20	620	78 31
19L	319LD	20	440	53 79
1	801	24	520	49 67
1	901MF	30	650	37 27
2	902	30	780	46 88
3EE	403E	30	400	56 65
3EH	93EH	30	875	56 38
3ET	93ET	30	500	59 59
4	904WMF	30	1000	50 69
4D	904D	30	1010	81 14
	804D	30	900	67 07
4DLT	94DLT	30	860	66 75
8D	708D	30	1000	72 38
	908D	30	1300	97 73
	908DMF	30	1450	116 06
16TF	916TF	30	545	145 91
17TF	917TF	30	530	66 76
28	928MF	30	535	63 32
30H	930HMF	30	550	39 36
	1130HMF	30	850	56 30
31	VL31	30	650	35 02
	1031MF	30	760	48 89
	1131MF	30	925	55 10
	1131XMF	30	1000	57 11
	1231MF	30	1125	62 23
31P	VL31P	30	650	36 02
	1031PMF	30	760	49 89
	1131PMF	30	925	56 10
	1231PMF	30	1125	63 23

(SC55)

GROUP	TYPE NO.	WARR.	CCA	PRICE
COMMERCIAL DUAL PURPOSE / DEEP CYCLE				
31	DP31CS	30	650	59.93
	7T31	30	650	66.02

GROUP	TYPE NO.	WARR.	CCA	PRICE
MARINE STARTING				
24	SS24M7	24	875	57.39
	SS24M6	24	675	44.98
	SS24M5	24	550	37.97
	SS24M4	24	440	33.60

GROUP	TYPE NO.	WARR.	CCA	PRICE
MARINE DUAL PURPOSE				
24	SSDP24	12	140MIN.	44.54
27	SSDP27	12	175MIN.	49.90

GROUP	TYPE NO.	WARR.	CCA	PRICE
MARINE / RV DEEP-CYCLE				
24	SSDC24	12	150MIN.	50.43
27	SSDC27	12	200MIN.	57.62
31	SSDC31DT	12	225MIN.	68.18

GROUP	TYPE NO.	WARR.	CCA	PRICE
WHEELCHAIR / EV DEEP CYCLE				
U1	EVU1	12	54MIN.	32.09
22NF	EV22NF	12	76MIN.	51.13

GROUP	TYPE NO.	WARR.	CCA	PRICE
SMALL ENGINE LAWN & GARDEN				
U1	SS5U1L	12	165	14.14
	SS8U1L	12	230	14.80
	SS9U1L	12	260	16.29
	SS10U1L	12	300	16.41
U1R	SS5U1R	12	165	14.14
	SS8U1R	12	230	14.80
	SS9U1R	12	260	16.29
	SS10U1R	12	300	16.41
22NF	SS322NF	12	345	24.63

GROUP	TYPE NO.	WARR.	CCA	PRICE
ORDNANCE				
4HN	4HN	24	235	87.78
6TL	6TLMF	24	750	97.08

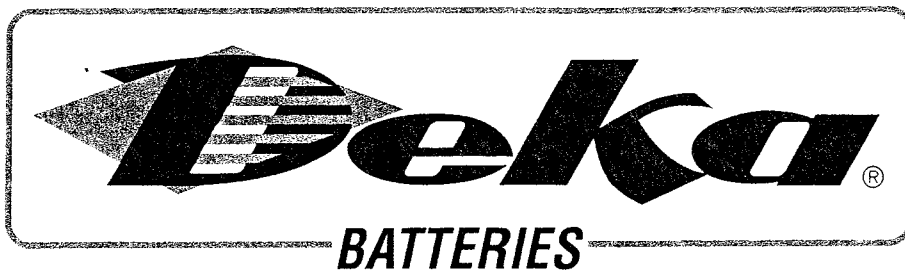
GROUP	TYPE NO.	WARR.	CCA	PRICE
GOLF CAR AND MOTIVE POWER				
GC-2	SSGC10	10	100MIN.	53.06
	SSGC15	12	115MIN.	58.25
	SSGC45	12	145MIN.	78.34

GROUP	TYPE NO.	WARR.	CCA	PRICE
FLOOR SCRUBBER AND SWEEPER				
	8C11	12	120MIN.	85.20
	8C6V	12	170MIN.	110.67
	8C12	12	90MIN.	137.76
	8KFS	12	55MIN.	115.16
	8L16	12	190MIN.	130.45

GROUP	TYPE NO.	A.H.	WARR.	PRICE
AGM / DEEP CYCLE				
U1	8AU1	32	6	43.08
22NF	8A22NF	55	6	64.20
24	8A24	79	36	82.58
27	8A27	92	36	98.50
31	8A31DT	105	36	107.83
4D	8A4D	198	36	197.95
8D	8A8D	245	36	236.28

PART #	VOLTS	A.H.	PRICE
SLA / ELECTRONIC			
ES4 5-4	4	4.5	7.30
ES9-4	4	9	11.29
ES1 2-6	6	1.2	4.15
ES4-6	6	4.5	4.67
ES7-6	6	7	7.98
ES8 2-6S	6	9	9.92
ES12-6	6	12	9.92
ES12-6SQR	6	12	15.49
ES1 2-12	12	1.3	6.09
ES1 9-12	12	2.3	9.08
ES3-12	12	3	10.92
ES5-12	12	5	8.35
ES7-12	12	7.2	11.03
ES12-12	12	12	18.64
ES17-12	12	18	24.68
ES26-12	12	26	36.23
ES40-12	12	45	62.95

PART #	CCA	10 A.H.	WARR.	PRICE
AGM / MOTORCYCLE				
ETX9	120	8	12	44.37
ETX12	180	10	12	46.53
ETX14	200	12	12	50.16
ETX15	190	14	12	47.45
ETX15L	190	14	12	47.45
ETX16	275	19	12	53.61
ETX16L	275	19	12	53.61
ETX18L	300	20	12	59.78
ETX20L	270	17.5	12	59.12
ETX30L	370	26	12	67.93



EAST PENN manufacturing co., inc.

LYON STATION, PA 19536

Phone: 610-682-6361 • Fax: 610-682-4781

Order Department Hotline: 610-682-4231

www.dekabatteries.com

GROUP NO.	PART NO. (WET)	PERFORMANCE LEVEL				SUGG. WARR.	SUGG. LIST PRICE	SUGG. RETAIL PRICE	VOLTS	QUARTS OF ACID	APPROXIMATE WEIGHT		MAXIMUM OVERALL DIMENSIONS (in inches and mm)			FOOT NOTES	
		CCA @ 0°F	RES. CAP.	REF. CA @ 32°F	WET						DRY	L	W	H			
ULTIMATE CALCIUM/SILVER MAINTENANCE-FREE																	
75/86	7AG75DT	690	90	820	70	112.95	89.95	12	—	35½	—	9%	248	7	178	8% * 206 *	+CHIMV
34/78	7AG34/78	800	110	940	70	127.95	101.95	12	—	41½	—	10%	273	6%	175	8 * 203 *	+CHIMV
25	7AG25MF	590	80	740	70	98.95	78.95	12	—	34	—	9%	248	6%	175	8% 225	+HM
35	7AG35MF	590	80	740	70	98.95	78.95	12	—	32	—	9%	248	6%	175	8% 225	+HM
58	7AG58MF	570	70	710	70	93.95	74.95	12	—	31	—	9%	248	7%	181	7 178	+HM
65	7AG65MF	750	130	885	70	126.95	101.95	12	—	45½	—	12	305	7%	187	7% 194	+HM
75	7AG75MF	690	90	820	70	105.95	84.95	12	—	35½	—	9%	248	7	178	7% 184	+HM
78	7AG78MF	800	105	940	70	119.95	95.95	12	—	41½	—	10%	273	6%	175	7% 184	+HM
<i>For height with adapter add 7/8" (22mm)</i>																	
UNIVERSAL DUAL TERMINAL CALCIUM MAINTENANCE-FREE																	
24/24F/74	1024DT 724DT	1000 875	135 125	1100 1000	70 70	140.95 128.95	112.95 102.95	12 12	— —	47% 44½	— —	10%	276	7	178	9 229	CHMV ~ ③ +CHMV ③
26/26R/70	700U 600U 500U 400U	720 605 525 425	95 85 80 60	900 755 650 530	70 65 60 50	105.95 91.95 83.95 72.95	84.95 73.95 66.95 57.95	12 12 12 12	— — — —	33% 31 29 26	— — — —	8%	222	6%	175	8 * 203 *	+CHIMV +CHIMV +CHIMV +CHIMV
34/78	734/78 634/78 534/78	850 690 525	120 100 80	1000 820 660	70 65 60	121.95 103.95 110.95	97.95 82.95 88.95	12 12 12	— — —	40% 35% 32½	— — —	10%	273	6%	175	8 * 203 *	+CHIMV +CHIMV +CHIMV
75/86	775DT 675DT 575DT	720 630 550	100 90 80	860 775 690	70 65 60	98.95 96.95 88.95	78.95 77.95 70.95	12 12 12	— — —	34% 33 30%	— — —	9%	248	7	178	8% * 206 *	+HIMV +HIMV +HIMV
<i>* For height with adapter add 7/8" (22mm)</i>																	
PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM MAINTENANCE-FREE																	
22F	622FMF	425	65	540	65	85.95	68.95	12	4½	29%	18	9%	238	6%	171	8% 210	⓪+
24/24R	524/24R	550	90	650	60	84.95	67.95	12	—	35½	—	10%	273	6%	171	9 229	+CHM
24/24R	324/24R	330	45	430	40	65.95	52.95	12	—	32½	—	—	—	—	—	—	+CHM
24	624MF 524MF 424MF	675 550 440	110 90 65	820 650 550	65 60 50	94.95 81.95 72.95	75.95 65.95 57.95	12 12 12	6 — —	39 35% 32½	25% — —	10%	273	6%	171	9 229	⓪+HN +HM +HM
24F	624FMF 524FMF 424FMF	675 550 440	110 90 65	820 650 550	65 60 50	94.95 81.95 72.95	75.95 65.95 57.95	12 12 12	6 — —	39 35% 32½	25% — —	10%	273	6%	171	9 229	⓪+HN +HM +HM
25	525MF	550	85	675	60	86.95	69.95	12	—	33½	—	9%	248	6%	175	8% 225	+HM
26 (24/26)	526A 426A	525 425	80 60	650 530	60 50	77.95 69.95	61.95 55.95	12 12	— —	29 26	— —	8%	222	6%	171	8 * 203 *	+HIM +HIM
26R (24F/22F)	526RA 426RA	525 425	80 60	650 530	60 50	77.95 69.95	61.95 55.95	12 12	— —	29 26	— —	8%	222	6%	171	8 * 203 *	+HIM +HIM
27	727MF 627MF	850 675	130 115	1020 820	70 65	125.95 119.95	100.95 95.95	12 12	— —	49% 45	— —	12	305	6%	171	9 229	+L +L
27F	627FMF	675	115	820	65	119.95	95.95	12	—	45	—	12%	314	6%	171	9 229	+L
34R	634RMF	690	100	820	65	96.95	77.95	12	—	35%	—	10%	273	6%	175	8 * 203 *	+HIM
34/24	634MF 534MF	690 525	100 80	820 660	65 60	95.95 81.95	77.95 65.95	12 12	— —	35% 32%	— —	10%	273	6%	175	8 * 203 *	+HIM +HIM
<i>See above for additional Group 34 (34/78) dual terminal part numbers</i>																	
35	535MF	550	85	675	60	86.95	69.95	12	—	33%	—	9%	248	6%	175	8% 225	+HM
36R	636RMF	650	130	800	65	122.95	97.95	12	—	39%	—	10%	260	7% 202	7% 183	+M	
41	641MF	660	110	815	65	124.95	99.95	12	—	37	—	11%	292	6%	175	6% 175	+M
42	642MF	475	70	590	65	93.95	74.95	12	—	29	—	9%	241	6%	175	6% 175	+
42/58R	642/58R 442/58R	580 500	80 70	725 630	65 50	92.95 81.95	73.95 65.95	12 12	— —	30% 28	— —	10	254	7%	184	6% 175	+HM +HM
45	545MF	460	67	570	60	85.95	68.95	12	—	30%	—	9%	238	5%	140	9 229	+

⓪ Available DRY - add "D" suffix to part number
 ⓪ Available DRY - add "Y" suffix to part number

See last page for all additional symbol and footnote information

GROUP NO	PART NO. (WET)	PERFORMANCE LEVEL				SUGG. LIST PRICE	SUGG. RETAIL PRICE	VOLTS	QUARTS OF ACID	APPROXIMATE WEIGHT		MAXIMUM OVERALL DIMENSIONS (in inches and mm)			FOOT NOTES			
		CCA @ 0°F	RES. CAP	REF. CA @ 32°F	SUGG. WARR.					WET	DRY	L	W	H				
PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM MAINTENANCE-FREE (continued)																		
46	Use 1024DT or 724DT																	
47/90	547/90	595	90	740	60	116.95	93.95	12	—	32	—	9%	248	6%	171	6%	175	+
48/91	648/91	700	110	875	65	134.95	107.95	12	—	37	—	11%	295	7	178	7	178	+HM
	548/91	600	95	670	60	126.95	101.95	12	—	35½	—	—	—	—	—	—	—	+HM
49/93	749/93	880	145	1090	70	160.95	128.95	12	—	47	—	14%	368	6%	175	7	178	+HM
	649/93	800	145	990	65	151.95	121.95	12	—	45	—	—	—	—	—	—	—	+HM
50	650	600	108	750	65	148.95	118.95	12	—	43	—	13%	346	5%	136	10	254	★H
51	551MF	450	70	550	60	87.95	69.95	12	—	28	—	9%	238	5	127	8%	222	+M
51R	551RMF	450	70	550	60	87.95	69.95	12	—	28	—	9%	238	5	127	8%	222	+M
55 (62/55)	755A	585	95	725	70	105.95	84.95	12	—	33	—	8%	222	6	152	8%	216	+HI
	555A	500	75	600	60	94.95	75.95	12	—	29½	—	—	—	—	—	—	—	+HI
58	658MF	580	80	725	65	86.95	69.95	12	—	30%	—	—	—	—	—	—	—	+HM
	458MF	500	70	630	50	79.95	63.95	12	—	28	—	10	254	7%	184	6%	175	+HM
	358MF	430	60	520	40	74.95	59.95	12	—	27½	—	—	—	—	—	—	+HM	
58R	658RMF	580	80	725	65	89.95	71.95	12	—	30%	—	10	254	7%	184	6%	175	+HM
62	562MF	480	80	590	60	93.95	74.95	12	—	31	—	8%	222	6%	159	8%	225	+
64	664MF	630	115	785	65	118.95	94.95	12	—	42	—	11%	298	6%	159	8%	225	+
65	665MF	880	150	1040	65	123.95	98.95	12	—	45½	—	12	305	7%	187	7%	194	+HM
	565MF	650	110	865	60	103.95	82.95	12	—	40	—	—	—	—	—	—	+HM	
70 (74/70)	570A	525	80	650	60	79.95	63.95	12	—	29	—	8%	222	7	178	7% *	181 *	+HM
	470A	425	60	530	50	70.95	56.95	12	—	26	—	—	—	—	—	—	+HIM	
74	Use Group 78 as bolt-in substitute																	
75	775MF	720	100	860	70	98.95	78.95	12	—	34%	—	—	—	—	—	—	—	+CHM
	675MF	630	90	775	65	91.95	73.95	12	—	33	—	9%	248	7	178	7%	184	+CHM
	575MF	550	80	690	60	81.95	65.95	12	—	30%	—	—	—	—	—	—	+CHM	
78	778MF	770	115	925	70	108.95	86.95	12	—	38%	—	10%	273	6%	175	7%	184	+HM
	678MF	690	100	820	65	97.95	77.95	12	—	35%	—	—	—	—	—	—	+HM	
	578MF	550	80	690	60	83.95	66.95	12	—	33	—	—	—	—	—	—	+HM	
See page 1 for additional Group 78 (34/78) dual terminal part numbers																		
86	586MF	550	80	690	60	84.95	67.95	12	—	31½	—	9	229	6%	175	8%	203	+M
Miata	8AMU1R	320	45	400	40	132.95	105.95	12	—	25	—	8%	211	5%	130	7%	184	+④
* For height with adapter add 7/8" (22mm)																		
VINTAGE VEHICLES & LIGHT COMMERCIAL																		
3EE	403E	400	90	485	30	123.95	98.95	12	16½	42	25	19%	489	4%	108	9	229	①•
22NF	See page 4, Lawn Mower - Garden Tractor - Small Engine section																	
29NF	429NF	390	100	465	30	169.95	135.95	12	4½	41	29	12%	327	5½	140	9	229	①•R
53	353	290	62	360	20	152.95	121.95	12	4	32½	23	13	330	4%	121	8%	213	①•R
SEVERE SERVICE AND/OR HIGH HEAT APPLICATIONS CALCIUM/SILVER MAINTENANCE-FREE																		
34/78	HH34/78	690	100	820	60	110.95	88.95	12	—	38%	—	10%	273	6%	175	8 *	203 *	+CHIMV
25	HH25	525	80	650	60	91.95	73.95	12	—	33	—	9%	248	6%	175	8%	225	+HM
35	HH35	525	80	650	60	91.95	73.95	12	—	33	—	9%	248	6%	175	8%	225	+HM
58	HH58	570	70	710	60	88.95	70.95	12	—	31	—	9%	248	7%	181	7	178	+HM
65	HH65	650	105	860	60	106.95	85.95	12	—	40	—	12	305	7%	187	7%	194	+HM
75	HH75	690	90	820	60	98.95	78.95	12	—	35%	—	9%	248	7	178	7%	184	+HM
* For height with adapter add 7/8" (22mm)																		
6-VOLT — LIGHT TRUCK — FARM TRACTOR — OLDER MODEL PASSENGER CARS																		
1	701	590	135	730	20	75.95	60.95	6	—	30	—	9	229	6%	175	8%	222	▲
2E	402E	620	190	750	20	188.95	150.95	6	5½	40	27½	19%	489	4	102	8%	225	①•R
19L	319L	440	120	560	20	118.95	94.95	6	3	25%	17%	8%	210	6%	171	7½	191	①•R
HEAVY-DUTY COMMERCIAL SERVICE																		
1 (8-volt)	801	520	102	650	24	108.95	86.95	8	4%	31%	19	8%	225	6%	171	8%	225	①★
1	901	635	185	800	30	90.95	72.95	6	4%	33%	17%	9	229	6%	175	8%	222	①▲
	901MF	650	150	815	30	81.95	65.95	6	—	30	—	9	229	6%	175	8%	222	▲L
2	902	780	215	940	30	101.95	81.95	6	6	36%	21½	10%	264	6%	175	8%	222	①★
3 (dry only)	903Y	690	280	820	30	162.95	129.95	6	5	47	34	11%	295	6%	171	8%	225	•AR
3D (dry only)	903DY	1400	675	1660	30	431.95	345.95	6	11	120	84	20%	518	8%	222	10	254	•AHK
3EH	93EH	875	250	1040	30	121.95	97.95	6	7½	47½	26½	19%	489	4%	108	10	254	①★

① Available DRY - add "D" suffix to part number
 ② Available DRY - add "Y" suffix to part number

See last page for all additional symbol and footnote information

GROUP NO.	PART NO. (WET)	PERFORMANCE LEVEL				SUGG. WARR.	SUGG. LIST PRICE	SUGG. RETAIL PRICE	VOLTS	QUARTS OF ACID	APPROXIMATE WEIGHT		MAXIMUM OVERALL DIMENSIONS (in inches and mm)			FOOT NOTES		
		CCA @ 0°F	RES. CAP.	REF. CA @ 32°F							WET	DRY	L	W	H			
HEAVY-DUTY COMMERCIAL SERVICE (continued)																		
3ET	93ET	500	120	625	30	128.95	102.95	12	7%	48%	29	19%	489	4%	108	9%	251	⊙
4	904W	840	260	1030	30	107.95	85.95	6	—	47	—	12½	318	6%	175	9½	241	▲
	904WMF	1000	270	1220	30	109.95	87.95	6	—	47	—							
4D	804D	900	260	1100	30	192.95	153.95	12	16	97	53	20%	527	8%	216	10%	258	⊙*H
	904D	1010	290	1235	30	204.95	163.95	12	16	99½	58							
4DLT	94DLT	860	250	1020	30	185.95	148.95	12	10%	80	49	20	508	8%	206	8%	206	⊙*J
4EH	94EH	850	320	1000	30	168.95	134.95	6	7%	60	40	19%	489	5	127	10	254	⊙
5D	905D	880	300	1100	30	140.95	112.95	6	6%	50	28	13%	340	7%	181	9%	235	⊙*
7D	907D	950	350	1120	30	164.95	131.95	6	7%	59½	34	15%	400	7	178	9%	232	⊙
8D	708D	1000	345	1225	30	214.95	171.95	12	19%	116	64	20%	527	11	279	10	254	⊙*H
	908D	1300	430	1550	30	250.95	200.95	12	18%	130%	80							
	908DMF	1450	450	1790	30	277.95	221.95	12	—	136%	—							
16TF	916TF	545	210	665	30	320.95	256.95	12	9	90	68	16	413	7	178	11%	283	⊙*K
17TF	917TF	530	140	630	30	218.95	174.95	12	6½	58%	39%	17	432	6%	175	8	203	⊙*JR
28	928MF	535	110	660	30	138.95	110.95	12	6	41½	26	10%	260	6%	171	9%	241	⊙▲LX
30H	930H	550	125	695	30	112.95	89.95	12	7½	46%	28	13	330	6%	171	9%	241	⊙*J
	1130HMF	850	180	1040	30	134.95	107.95	12	—	57%	—							
31	931MF	650	145	810	30	111.95	89.95	12	—	51	—	13	330	6%	171	9%	241	+JLMX
	1031MF	760	170	910	30	124.95	99.95	12	—	54½	—							
	1131MF	815	180	1000	30	135.95	108.95	12	—	57%	—							
	1131XMF	1000	185	1190	30	140.95	112.95	12	6	58	43							
31P	1231MF	1125	195	1260	30	152.95	121.95	12	—	61	—	13	330	6%	171	9%	241	+JLMS
	931PMF	650	145	810	30	111.95	89.95	12	—	51	—							
	1031PMF	760	170	910	30	124.95	99.95	12	—	54½	—							
	1131PMF	815	180	1000	30	135.95	108.95	12	—	57%	—							
31P	1131XPMF	1000	185	1190	30	140.95	112.95	12	—	58	—	13	330	6%	171	9%	241	+JLMS
	1231PMF	1125	195	1260	30	152.95	121.95	12	—	61	—							

HEAVY-DUTY COMMERCIAL SEVERE SERVICE/DUAL PURPOSE

31	DP31CS	650	180	810	30†	130.95	104.95	12	—	57	—	13	330	6%	171	9%	241	+HLMX
	DP31PCS	650	180	810	30†	130.95	104.95	12	—	57	—							
	7T31 (Deep Cycle)	700	190	910	30†	151.95	121.95	12	—	62%	—							

† 12 months in deep cycle service

GROUP NUMBER	PART NO. (WET)	PERFORMANCE LEVEL				SUGG. WARR.	SUGG. LIST PRICE	SUGG. RETAIL PRICE	QUARTS OF ACID	APPROXIMATE WEIGHT		MAXIMUM OVERALL DIMENSIONS (in inches and mm)			FOOT NOTES			
		CCA @ 0°F	RESERVE CAPACITY	MCA @ 32°F						WET	DRY	L	W	H				
12-VOLT MARINE/RV STARTING CALCIUM MAINTENANCE-FREE																		
24	24M7	875	125	1000	24	129.95	103.95	—	44%	—	10%	273	6%	171	9%	238	+HMUⓈ	
	24M6	675	110	820	24	99.95	79.95	—	39	—								
	24M5	550	90	650	24	86.95	69.95	—	35%	—								
	24M4	440	65	550	24	77.95	61.95	—	32%	—								
	24M3	340	50	445	24	68.95	54.95	—	30%	—								
27	27M6	650	182	810	24	143.95	114.95	—	55%	—	12%	318	6%	171	9%	238	+HU	
		CCA @ 0°F	MCA @ 32°F ≈	MINS @ 23 A ≈	MINS @ 25 A ≈	20 AH RATE ≈												

12-VOLT MARINE/RV DUAL PURPOSE STARTING/DEEP CYCLE SERVICE

24	DP24	525	650	140	120	65	12	106.95	85.95	—	41%	—	10%	273	6%	171	9%	238	*HU
27	DP27	625	770	175	150	80	12	119.95	95.95	—	49	—	12%	318	6%	171	9%	238	*HU
31	DP31DT	650	810	205	182	100	12	136.95	109.95	—	57	—	13	330	6%	171	9%	241	▲HLMT

12-VOLT MARINE/RV HEAVY-DUTY DEEP CYCLE SERVICE (INCLUDING STARTING)

24	DC24	500	625	150	130	75	12	118.95	94.95	—	45	—	10%	273	6%	171	9%	238	•HU §
27	DC27	575	715	200	175	90	12	140.95	112.95	—	53	—	12%	318	6%	171	9%	238	•HU §
31	DC31DT	650	810	225	185	105	12	163.95	130.95	—	59	—	13	330	6%	171	9%	241	•HMT §

Note The three "DC" deep cycle part numbers above include double insulated glass mat separators

		CCA @ 0°F	MCA @ 32°F ≈	8 AH RATE ≈	6 AH RATE ≈														
8-VOLT MARINE AND INDUSTRIAL																			
	8V195	980	1170	170	166	24	303.95	242.95	11½	90	60	20%	527	7%	184	10%	270	⊙*HR	
	819	510	610	167	158	24	391.95	313.95	13	119	90	24%	622	7½	191	10%	267	⊙*HK §	
	821	530	635	187	177	24	424.95	339.95	14½	135	98	27%	699	7½	191	10%	267	⊙*HK §	
	825	730	870	224	212	24	504.95	403.95	16½	160	120	26%	683	8%	216	11%	298	⊙*HK §	

⊙ Available DRY - add "D" suffix to part number
 ⊙ Available DRY - add "Y" suffix to part number

GROUP NUMBER	PART NO. (WET)	PERFORMANCE LEVEL			SUGG. WARR.	SUGG. LIST PRICE	SUGG. RETAIL PRICE	VOLTS	QUARTS OF ACID	APPROX. WEIGHT		MAXIMUM OVERALL DIMENSIONS (in inches and mm)			FOOT NOTES			
		MINS. @ 23 A	MINS. @ 25 A	20 AH RATE						WET	DRY	L	W	H				
12-VOLT DEEP CYCLE — EV — WHEELCHAIR — MARINE																		
U1	EVU1	54	48	31	12	69.95	55.95	12	—	20	—	8%	213	5%	130	7%	184	★HZ
22NF	EV22NF	76	68	50	12	108.95	86.95	12	—	31	—	9%	238	5%	140	9	229	★H
24	EV24	150	130	75	12	118.95	94.95	12	—	45	—	10%	273	6%	171	9%	238	•HU
27	EV27	200	175	90	12	140.95	112.95	12	—	53	—	12½	318	6%	171	9%	238	•HU
31	EV31	230	210	110	12	181.95	145.95	12	—	65½	—	13	330	6%	171	9%	241	•HM
		CCA @ 0°F	RES. CAP.	REF. CA @ 32°F														

LAWN MOWER — GARDEN TRACTOR — SMALL ENGINE CALCIUM MAINTENANCE-FREE																		
U1	5U1L	165	—	190	12	42.95	33.95	12	—	15	—							+MZ
U1	7U1L	195	—	235	12	43.95	34.95	12	—	15	—							+MZ
U1	8U1L	230	—	275	12	46.95	37.95	12	—	15½	—	7%	197	5%	130	7%	184	+MZ
U1	9U1L	260	—	320	12	50.95	40.95	12	2½	16%	11%							⊕DMZ
U1	10U1L	300	—	365	12	51.95	41.95	12	—	17	—							+MZ
U1	11U1L	340	—	400	12	62.95	49.95	12	—	19	—							+MZ
U1R	5U1R	165	—	190	12	42.95	33.95	12	—	15	—							+MZ
U1R	7U1R	195	—	235	12	43.95	34.95	12	—	15	—							+MZ
U1R	8U1R	230	—	275	12	46.95	37.95	12	—	15½	—	7%	197	5%	130	7%	184	+MZ
U1R	9U1R	260	—	320	12	50.95	40.95	12	2½	16%	11%							⊕DMZ
U1R	10U1R	300	—	365	12	51.95	41.95	12	—	17	—							+MZ
22F	622FMF	425	65	540	12	85.95	68.95	12	4%	29½	18	9%	238	6%	171	8%	210	⊕+
22NF	322NF	345	58	415	12	81.95	65.95	12	4	29	17½	9%	238	5%	140	9	229	⊕★

U1 = left front positive, U1R = right front positive (with terminal side of battery facing you)

ORDNANCE																		
2HN	2HND ^(dry)	400	75	—	24	137.95	109.95	12	3%	34	25	10%	260	5%	133	9	229	★AL
4HN	4HND ^(dry)	235	28	—	24	189.95	151.95	24	3%	36½	27½	10%	260	5%	133	9	229	★AHL
6TL	6TL	700	230	850	24	223.95	178.95	12	8	73	51½	11½	286	10%	267	9	229	⊕★HL [Ⓢ]
	6TLMF	750	180	875	24	220.95	176.95	12	—	69%	—							+HL [Ⓢ]

GROUP NUMBER	PART NO. (WET)	PERFORMANCE LEVEL			SUGG. WARR.	SUGG. LIST PRICE	SUGG. RETAIL PRICE	VOLTS	QUARTS OF ACID	APPROX. WEIGHT		MAXIMUM OVERALL DIMENSIONS (in inches and mm)			FOOT NOTES				
		20 AH RATE	6 AH RATE	MINS. DISCHARGE @						WET	DRY	L	W	H					
FLOOR SCRUBBER AND SWEEPER																			
	8C11	235	190	120	—	—	12	185.95	148.95	6	8	66%	48					⊕GJ [^] Ⓢ	
	9C11	250	210	130	—	—	12	197.95	157.95	6	7%	73	52%	11%	298	7	178	11½	292
	8C6V	330	270	170	—	—	12	238.95	190.95	6	10	97%	65%	11%	298	7	178	14%	365
	8C12	195	160	90	—	—	12	298.95	238.95	12	13	116	83	15½	394	7	178	14%	362
	9C12	228	180	115	—	—	12	318.95	254.95	12	12	127	95½						⊕HS [^]
	8KFS	135	110	55	—	—	12	250.95	200.95	12	9	81	53	13%	346	6%	171	11%	292
	8L16	370	295	190	—	—	12	281.95	225.95	6	11½	113	83	11%	298	7	178	16%	419

GOLF CAR — EV — MOTIVE POWER — DEEP CYCLE SERVICE																				
GC-2	GC8V	165	—	85	121	318	12	169.95	135.95	8	—	67	—						11%	283
	GC10G	190	156	100	—	—	10	138.95	110.95	6	—	59	—						10%	276
	GC10P	190	156	100	—	—	10	138.95	110.95	6	—	59	—						10%	270
	GC10	190	156	100	—	—	10	138.95	110.95	6	—	59	—						11%	289
	GC15G	215	178	115	—	—	12	150.95	120.95	6	6%	63	44	10%	260	7%	181	10%	276	
	GC15P	215	178	115	—	—	12	150.95	120.95	6	—	63	—						10%	270
	GC15	215	178	115	—	—	12	150.95	120.95	6	—	63	—						11%	289
	GC25	235	—	132	—	488	12	163.95	130.95	6	—	67	—						11%	283
	GC25G	235	—	132	—	488	12	163.95	130.95	6	—	67	—						11%	283
	GC45G	244	—	145	—	530	12	196.95	157.95	6	—	70	—						11%	302
		CCA @ 0°F	RES. CAP.	REF. CA @ 32°F																

For gas engine golf cars with T881 terminal:

24/26	426G	425	60	530	12	72.95	57.95	12	—	26	—	8%	225	6%	171	8%	213	+GHM	
		20 AH RATE																	

12-VOLT FLOODED CABLE TV (CATV)																		
	CTVE27	99	—	—	6	144.95	115.95	12	—	54%	—	12½	318	6%	171	9%	238	EH

⊕ Available DRY - add "D" suffix to part number
 ⊕ Available DRY - add "Y" suffix to part number

See last page for all additional symbol and footnote information

ADJUSTMENT "COST PER MONTH" TABLE

TYPE	Passenger Cars & Trucks Thru One Ton		On Highway Vehicles Over 1 Ton, Two Way Radio Equipped Vehicles, Marine, Others		TYPE	Passenger Cars & Trucks Thru One Ton		On Highway Vehicles Over 1 Ton, Two Way Radio Equipped Vehicles, Marine, Others		TYPE	Passenger Cars & Trucks Thru One Ton		On Highway Vehicles Over 1 Ton, Two Way Radio Equipped Vehicles, Marine, Others	
	Months	Cost Per Month	Months	Cost Per Month		Months	Cost Per Month	Months	Cost Per Month		Months	Cost Per Month	Months	Cost Per Month
10U1L, 10U1R	—	—	12	4.33	6TL, 6TLD	24	9.33	12	18.66	8TU1 (see EVU1)	—	—	—	—
1024DT	70	2.01	30	4.70	6TLMF	24	9.24	12	18.41	8T22NF (see EV22NF)	—	—	12	4.25
1031MF, 1031PMF	—	—	30	4.17	600U	65	1.41	30	3.07	9U1L, 9U1LD	—	—	12	4.25
11U1L	—	—	12	5.25	622FMF, 622FMFD	65	1.32	30*	2.87	9U1R, 9U1RD	—	—	12	16.50
1130HMF	—	—	30	4.50	624MF, 624MFD	65	1.46	30	3.17	9C11, 9C11D	—	—	12	26.58
1131MF, 1131PMF	—	—	30	4.53	624FMF, 624FMFD	65	1.46	30	3.17	9C12, 9C12D	—	—	30	3.03
1131XMF, 1131XMFD, 1131XPMF	—	—	30	4.70	627MF	65	1.85	30	4.00	901, 901D	—	—	30	2.73
1231MF, 1231PMF	—	—	30	5.10	627FMF	65	1.85	30	4.00	901MF	—	—	30	3.40
2HND	24	5.75	12	11.50	634MF	65	1.49	30	3.23	902, 902D	—	—	30	5.43
24M3	—	—	24	2.87	634RMF	65	1.49	30	3.23	903Y	—	—	30	14.40
24M4	—	—	24	3.25	634/78	65	1.60	30	3.47	904D, 904DY	—	—	30	3.60
24M5	—	—	24	3.62	636RMF	65	1.89	30	4.10	904W	—	—	30	3.67
24M6	—	—	24	4.16	641MF	65	1.92	30	4.17	904WMF	—	—	30	4.70
24M7	—	—	24	5.41	642/58R	65	1.43	30	3.10	905D, 905DY	—	—	30	5.50
27M6	—	—	12	12.00	642MF	65	1.45	30	3.13	907D, 907DY	—	—	30	8.37
319L, 319LD	—	—	20	5.95	648/91	65	2.08	30	4.50	908D, 908DY	—	—	30	9.27
322NF, 322NFD	—	—	12	6.83	649/93	65	2.34	30	5.07	908DMF	—	—	30	10.70
324/24R	40	1.65	20	3.30	650	65	2.29	30	4.97	916TF, 916TFD	—	—	30	7.30
353, 353D	—	—	20	7.65	658MF	65	1.34	30	2.90	917TF, 917TFD	—	—	30	4.07
358MF	40	1.87	20	3.75	658RMF	65	1.38	30	3.00	93EH, 93EHD	—	—	30	4.30
4HND	24	7.92	12	15.83	664MF	65	1.83	30	3.97	93ET, 93ETD	—	—	30	4.63
400U	50	1.46	30	2.43	665MF	65	1.91	30	4.13	930H, 930HD	—	—	30	3.77
402E, 402ED	—	—	20	9.45	674MF, 674MFD (discontinued)	65	1.43	30	3.10	931MF, 931PMF	—	—	30	6.20
403E	—	—	30	4.13	675DT	65	1.49	30	3.23	94DLT, 94DLTD	—	—	30	5.63
422FMF (discontinued)	50	1.56	30*	2.60	675MF	65	1.41	30	3.07	CTVE24 (discontinued)	—	—	6	20.33
424MF, 424FMF	50	1.46	30	2.43	678MF	65	1.51	30	3.27	CTVE27	—	—	6	24.17
426G	—	—	12	6.08	7AG25MF	70	1.41	30	3.30	DC24	—	—	12	9.91
426A	50	1.40	30	2.33	7AG34/78	70	1.83	30	4.27	DC27	—	—	12	11.75
426RA	50	1.40	30	2.33	7AG35MF	70	1.41	30	3.30	DC31DT	—	—	12	13.66
427MF, 427FMF (discontinued)	50	2.06	30	3.43	7AG58MF	70	1.34	30	3.13	DP31CS, DP31PCS	—	—	30†	4.37
429NF, 429NFD	—	—	30	5.67	7AG65MF	70	1.81	30	4.23	DP24	—	—	12	8.91
442/58R	50	1.64	30	2.73	7AG75MF	70	1.51	30	3.53	DP27	—	—	12	10.00
458MF	50	1.60	30	2.67	7AG75DT	70	1.61	30	3.77	DP31DT	—	—	12	11.41
470A	50	1.42	30	2.37	7AG78MF	70	1.71	30	4.00	EVU1 (8TU1)	—	—	12	5.83
474MF (discontinued)	50	1.48	30	2.47	7U1L, 7U1R	—	—	12	3.66	EV22NF (8T22NF)	—	—	12	9.08
5U1L, 5U1R	—	—	12	3.58	7T31	—	—	30†	5.07	EV24	—	—	12	9.91
500U	60	1.40	30	2.80	700U	70	1.51	30	3.53	EV27	—	—	12	11.75
524/24R	60	1.42	30	2.83	701	—	—	20	3.80	EV31	—	—	12	15.16
526A	60	1.30	30	2.60	708D, 708DY	—	—	30	7.17	GC8V	—	—	12	14.16
526RA	60	1.30	30	2.60	724DT	70	1.84	30	4.30	GC10, GC10G, GC10P	—	—	10	13.90
524MF, 524FMF	60	1.37	30	2.73	726A (discontinued)	70	1.43	30	3.33	GC15, GC15G, GC15GD, GC15P	—	—	12	12.58
525MF	60	1.45	30	2.90	726RA (discontinued)	70	1.43	30	3.33	GC25, GC25G	—	—	12	13.66
534MF	60	1.37	30	2.73	727MF	70	1.80	30	4.20	GC45	—	—	12	16.41
534/78	60	1.85	30	3.70	734/78	70	1.74	30	4.07	HH25, HH35	60	1.53	30	3.07
535MF	60	1.45	30	2.90	749/93	70	2.30	30	5.37	HH34/78	60	1.85	30	3.70
545MF	60	1.43	30	2.87	755A	70	1.51	30	3.53	HH58	60	1.48	30	2.97
547/90	60	1.95	30	3.90	770A (discontinued)	70	1.41	30	3.30	HH65	60	1.78	30	3.57
548/91	60	2.12	30	4.23	775DT	70	1.41	30	3.30	HH75	60	1.65	30	3.30
551MF, 551RMF	60	1.47	30	2.93	775MF	70	1.41	30	3.30					
555A	60	1.58	30	3.17	778MF	70	1.56	30	3.63					
562MF	60	1.57	30	3.13	8AMU1R	40	3.32	—	—					
565MF	60	1.73	30	3.47	8U1L, 8U1R	—	—	12	3.91					
574MF (discontinued)	60	1.37	30	2.73	8C6V, 8C6VD	—	—	12	19.91					
570A	60	1.33	30	2.67	8C11, 8C11D	—	—	12	15.50					
575MF	60	1.37	30	2.73	8C12, 8C12D	—	—	12	24.91					
575DT	60	1.48	30	2.97	8KFS, 8KFSD	—	—	12	20.91					
578MF	60	1.40	30	2.80	8L16, 8L16D	—	—	12	23.50					
586MF	60	1.42	30	2.83	8V195, 8V195D	—	—	24	12.66					
					801, 801D	—	—	24	4.54					
					804D, 804DY	—	—	30	6.43					
					819, 819D	—	—	24	16.33					
					821, 821D	—	—	24	17.71					
					825, 825D	—	—	24	21.04					

* 12 months in Lawn & Garden service
 † 12 months in deep cycle service

SYMBOL DEFINITIONS:

- * - For height with adapter add 7/8" (22 mm)
- + - Maintenance-free calcium alloy grids
- - Low maintenance - Low antimony grids
- ★ - Hybrid construction
- ~ - Nominal rating
- ▶ - With individual vent caps
- ▲ - Maintenance-free w/ vent caps, calcium grids
- ~ - Deduct 4% from CCA & CA rating to allow for special electrolyte additive
- § - Deduct 15% from CCA and CA rating shown to allow for double insulation (glass mat)
- ^ - Ratings after 15 cycles

FOOTNOTES:

- A - Available dry charged only
- C - Centerline terminal posts
- D - Dry charged batteries have black covers and white cases
- E - Deltar eye
- G - Offset post w/ horizontal hole, stainless steel 5/16" bolt and hex nut
- H - Includes handles
- I - Includes top adapter
- J - Includes lifting ledges
- K - Hard rubber, multi-cell cover construction
- L - Anchor lock elements
- M - Flush manifold vented cover
- N - Flush manifold vented cover when shipped wet, standard cover when shipped dry or FP
- O - Offset post w/ vertical stainless steel 5/16" stud and hex nut
- R - Hard rubber, one-piece cover construction

- S - SAE "automotive type" post
- T - Dual top terminals with SAE post and 3/8" POS, 5/16" NEG stainless steel studs and wing nuts
- U - Offset SAE post w/ vertical 5/16" NEG, 3/8" POS stainless steel studs and wing nuts
- V - Dual terminal universal design
- W - T882 "L" type terminal w/ 5/16" diameter hole
- X - 3/8" x 16 stainless steel stud posts
- Z - U1R terminals have round holes, U1L terminals have square holes

- ① - Available dry - add "D" suffix to part number
- ② - Available dry - add "Y" suffix to part number
- ③ - White Cover / White Case
- ④ - Black Cover / Grey Case
- ⑤ - Olive Cover / Olive Case
- ⑥ - Black Cover / Olive Case
- ⑦ - Charcoal Grey Cover and Case
- ⑧ - Green Cover / White Case

Ratings conform to B C I specifications

Dry = up to 10% reduced capacity

All batteries manufactured in polypropylene cases except where noted.

Maintenance-free batteries have microporous, polyethylene envelope separators

All batteries manufactured in black case / black cover except where noted

MCA and CA ratings @ 32°F for comparison only

LIMITED BATTERY WARRANTY FOR CONSUMERS

- A **Free Adjustment Period.** Any battery which becomes unserviceable (not merely discharged) due to defects in material or workmanship within 90 days of installation will be repaired or replaced to the original purchaser at any authorized wholesaler or dealer place of business. There will be no charge except for transportation, recharging and rental service. Loss of time, inconvenience, loss of use of the vehicle or other consequential damages do not apply. Some states do not allow the exclusion of limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
- B **Pro-Rata Period.** Any battery which becomes unserviceable (not merely discharged) after the 90 days of service, but before the expiration date of the pro-rata adjustment period, can be exchanged for a new battery on pro-rata adjustment basis. The pro-rata cost per month is determined by dividing the current suggested list price in effect by the service adjustment period. Charges to the original owner are based on the actual number of months of service delivered by the battery to be replaced.
- C Free adjustment and pro-rata periods *do not* apply in the following cases: If the container, covers or terminals are broken; if battery has been opened, frozen or damaged due to neglect or abuse including fire, wreckage, or explosion; if electrolyte other than as recommended by the factory has been used; if a "dope" or additive is used; if the manufacturer's code markings have been destroyed or tampered with; if the battery used is of an electrical size smaller than the one specified by the vehicle manufacturer or used in applications for which it was not designed; or if it was installed or charged in reverse.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Normal deterioration in the electrical qualities of batteries is to be expected with age and is not covered by this warranty.

D How to Obtain Warranty Performance

- 1 Return battery to any factory authorized wholesaler or dealer with sales receipt. If cannot be located, call company in city printed on label of battery. Cost of call will be reimbursed. Authorized factory wholesaler or dealer will make determination if battery has failed in normal service.
- 2 Certificate of warranty and proof-of-purchase must be presented with battery to have claim honored.
- 3 If battery is determined to be defective by authorized factory wholesaler or dealer, it will be adjusted as per paragraphs A and B as stated above.
- 4 Type number of battery will be indicated on the battery.
- 5 Determine date of purchase from month and year from date on sales receipt or date on battery.
- 6 A portion of any one month is considered a whole month.

All batteries, except maintenance-free types, are warranted for three months in motive power service and six months in snowmobile service unless specified otherwise. All maintenance-free type batteries are not warranted in motive power service.

DANGER: BATTERIES CAN EXPLODE!
ALWAYS SHIELD EYES WHEN WORKING
NEAR BATTERIES. KEEP SPARKS, FLAME,
CIGARETTES AWAY. VENTILATE WHEN
CHARGING OR USING IN ENCLOSED SPACE.

California Proposition 65 Warning

Battery posts, terminals and related accessories contain lead and lead compounds, and other chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
Wash hands after handling.