

# Save Time and Expenses.



## MaintenanceSaver<sup>®</sup>

MOTIVE POWER BATTERIES

MADE IN THE U.S.A.

QUALITY SYSTEM  
CERTIFIED  
**ISO 9001**  
**ISO/TS 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**





# MaintenanceSaver® BATTERIES

The Deka "Maintenance Saver" line reduces watering maintenance to as few as four times per year under normal conditions.

You save time and expenses. And, the possibility of overfilling is reduced, so it takes less time to clean the battery and neutralize corrosive acid deposits.

### Compare these features which are standard on every Deka battery:

- Exclusive individual plate formation in open tanks optimizes power capacity, cell consistency, and long-term reliability.
- Superior non-porous, precision-cast grids are designed for maximum current-carrying capacity exclusively for motive power applications. The grids are pasted with active material that delivers reliable performance throughout a long service life. All phases of plate production are computer controlled to meet rigid quality control specifications.
- Both the positive and negative plates are cured in temperature/humidity-controlled ovens to ensure optimum plate curing regardless of external environmental conditions.
- The positive plate is protected by a multiple-step retention system, including two layers of vertical mats consisting of fiberglass tape and interwoven glass fibers, a horizontal glass fiber mat, and a perforated retainer envelope. This ensures optimum active material retention for longer life, and provides increased plate insulation for added performance. The positive plates are also surrounded by deep channeled, microporous separators that provide a durable barrier between positive and negative plates, while allowing the free flow of electrolyte throughout the cell, optimizing performance and extending service life.
- No other industrial battery manufacturer can claim these and other features, plus ensure the highest quality material, workmanship and superior engineering technology. All of these important components make the Deka name synonymous with number one quality in the production of precision-built batteries.
- Manufactured in compliance with American National Standards Institute and Underwriters Laboratories Standard Number ANSI/UL583.
- Federal Specification Number W-B-133D.
- Complies with Industrial Truck Association Recommended Practices.

Cell Type	A.H. Cap. @ 6 Hr. Rate	6 Cell K.W.H./ Svc. Wgt.		9 Cell K.W.H./ Svc. Wgt.		12 Cell K.W.H./ Svc. Wgt.		18 Cell K.W.H./ Svc. Wgt.		24 Cell K.W.H./ Svc. Wgt.		36 Cell K.W.H./ Svc. Wgt.	
<b>M75-75 A.H. POSITIVE</b>													
<b>Overall height:</b>		No cover – 25% <sup>1</sup>				Dome Cover – 26% <sup>1</sup>				Flat Cover – 26% <sup>1</sup>			
M75-5	150	1.75	217	2.62	326	3.49	434	5.24	652	6.98	868	10.48	1304
M75-7	225	2.62	283	3.93	425	5.24	566	7.86	850	10.48	1132	15.72	1700
M75-9	300	3.49	373	5.24	560	6.98	746	10.48	1120	13.97	1492	20.95	2240
M75-11	375	4.36	459	6.54	688	8.73	918	13.10	1376	17.46	1836	26.19	2752
M75-13	450	5.24	539	7.86	809	10.48	1078	15.71	1618	20.95	2156	31.43	3236
M75-15	525	6.11	585	9.16	878	12.22	1170	18.33	1756	24.44	2340	36.67	3512
M75-17	600	6.98	691	10.48	1037	13.97	1382	20.95	2074	27.94	2764	41.90	4148
M75-19	675	7.86	789	11.79	1184	15.72	1578	23.57	2368	31.43	3156	47.14	4736
M75-21	750	8.73	850	13.10	1275	17.46	1700	26.19	2550	34.92	3400	52.38	5100
M75-23	825	9.60	940	14.40	1410	19.21	1880	28.81	2820	38.41	3760	57.62	5640
M75-25	900	10.48	1007	15.72	1510	20.95	2014	31.43	3020	41.90	4028	62.85	6040
M75-27	975	11.35	1106	17.02	1659	22.70	2212	34.05	3318	45.40	4424	68.10	6636
M75-29	1050	12.22	1225	18.33	1838	24.44	2450	36.67	3676	48.89	4900	73.34	7352
M75-31	1125	13.10	1268	19.65	1903	26.19	2536	39.29	3806	52.38	5072	78.57	7612
M75-33	1200	13.97	1343	20.95	2015	27.94	2686	41.90	4030	55.87	5372	83.80	8060
<b>M85-85 A.H. POSITIVE</b>													
<b>Overall height:</b>		No cover – 25% <sup>1</sup>				Dome Cover – 26% <sup>1</sup>				Flat Cover – 26% <sup>1</sup>			
M85-5	170	1.98	232	2.97	348	3.96	464	5.94	696	7.92	928	11.87	1392
M85-7	255	2.97	307	4.46	461	5.94	614	8.90	922	11.87	1228	17.81	1844
M85-9	340	3.96	455	5.94	683	7.92	910	11.87	1366	15.83	1820	23.75	2732
M85-11	425	4.95	482	7.42	724	9.89	965	14.84	1448	19.79	1930	29.68	2896
M85-13	510	5.94	565	8.91	847	11.87	1130	17.81	1694	23.75	2260	35.62	3388
M85-15	595	6.93	622	10.40	933	13.85	1244	20.78	1866	27.70	2488	41.56	3732
M85-17	680	7.92	715	11.88	1073	15.83	1430	23.75	2146	31.66	2860	47.49	4292
M85-19	765	8.90	823	13.35	1235	17.81	1646	26.71	2470	35.62	3292	53.42	4940
M85-21	850	9.89	902	14.84	1354	19.79	1804	29.68	2708	39.58	3608	59.36	5416
M85-23	935	10.88	985	16.32	1478	21.77	1970	32.65	2956	43.53	3940	65.30	5912
M85-25	1020	11.87	1063	17.81	1594	23.75	2126	35.62	3188	47.49	4252	71.24	6376
M85-27	1105	12.86	1159	19.29	1738	25.72	2318	38.59	3476	51.45	4636	77.18	6952
M85-29	1190	13.85	1280	20.78	1921	27.70	2560	41.55	3842	55.41	5120	83.10	7684
M85-31	1275	14.84	1328	22.26	1993	29.68	2656	44.52	3986	59.36	5312	89.04	7972
M85-33	1360	15.83	1408	23.75	2111	31.66	2816	47.49	4222	63.32	5632	94.98	8444
<b>M100-100 A.H. POSITIVE</b>													
<b>Overall height:</b>		No cover – 30% <sup>1</sup>				Dome Cover – 31% <sup>1</sup>				Flat Cover – 31% <sup>1</sup>			
M100-5	200	2.33	268	3.49	402	4.66	536	6.98	804	9.31	1072	13.96	1608
M100-7	300	3.49	352	5.23	527	6.98	704	10.48	1054	13.97	1408	20.96	2108
M100-9	400	4.66	481	6.98	722	9.31	962	13.97	1444	18.62	1924	27.94	2888
M100-11	500	5.82	565	8.73	848	11.64	1130	17.46	1696	23.28	2260	34.92	3392
M100-13	600	6.98	659	10.47	989	13.97	1318	20.95	1978	27.94	2636	41.90	3956
M100-15	700	8.15	747	12.22	1120	16.30	1494	24.44	2240	32.59	2988	48.89	4480
M100-17	800	9.31	844	13.97	1266	18.62	1688	27.94	2532	37.25	3376	55.87	5064
M100-19	900	10.48	941	15.72	1411	20.95	1882	31.43	2822	41.90	3764	62.86	5644
M100-21	1000	11.64	1068	17.46	1602	23.28	2136	34.92	3204	46.56	4272	69.84	6408
M100-23	1100	12.80	1165	19.20	1748	25.61	2330	38.41	3496	51.22	4660	76.82	6992
M100-25	1200	13.97	1241	20.95	1861	27.94	2482	41.90	3722	55.87	4964	83.80	7444
M100-27	1300	15.13	1333	22.70	2000	30.26	2666	45.40	4000	60.53	5332	90.80	6000
M100-29	1400	16.30	1481	24.45	2222	32.59	2962	48.89	4444	65.18	5924	97.78	6666
M100-31	1500	17.46	1568	26.19	2352	34.92	3136	52.38	4704	69.84	6272	104.76	9408
M100-33	1600	18.62	1652	27.93	2478	37.25	3304	55.87	4956	74.50	6608	111.74	9912



East Penn Manufacturing Co. Lyon Station, PA 19536-0147 Phone: 610-682-6361 Fax: 610-682-4781 Order Hotline: 610-682-3260



e-mail: epmmotive@eastpenn-deka.com www.dekabatteries.com