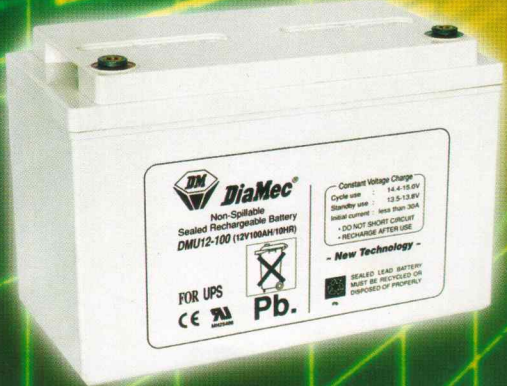




**德萬工業電池有限公司**  
**DIAMEC INDUSTRIAL BATTERY LIMITED**  
**ISO9001:2000 Certified**



**TECHNICAL HANDBOOK (2005 Edition)**



**LIST OF DIAMEC SEALED LEAD ACID RECHARGEABLE BATTERY**
**MICRO SERIES**

Battery Model	Nominal Voltage	Rated Capacity at 20HR to 1.75V/Cell	Dimensions (mm)				Approx Weight		Standard Terminal	Terminal Position
			Length	Width	Case Height	Total Height including terminal				
			L ±1mm	W ±1mm	H ±2mm	TH ±2mm	kg	lbs		
DM 4-3.5	4V	3.5AH	90.5	34.5	56.5	60.5	0.42	0.93	F4-TAB 187B	C
DM 6-1	6V	1AH	131	25	37	41	0.26	0.57	F9-TAB 189B	C
DM 6-1.1	6V	1.1AH	97	24.5	51	55.5	0.26	0.57	F9-TAB 189B	C
DM 6-1.3		1.3AH					0.30	0.66		
DM 6-2.3	6V	2.3AH	43	47.5	85.5	85.5	0.41	0.90	"+"F11-TAB252D "-F10-TAB187D	H
DM 6-2.8	6V	2.8AH	66.5	33.5	100	104	0.58	1.28	F1-TAB 187E	A
DM 6-3.2	6V	3.2AH	125	33	60	65	0.59	1.30	F1-TAB 187E	C
DM 6-3.3	6V	3.3AH	134.5	35	60	65	0.64	1.41	F1-TAB 187E	
DMS 6-4	6V	4AH	70	47	101	106	0.68	1.50	F1-TAB 187E	A
DMC 6-4.5		4.5AH					0.81	1.79		
DMH 6-5		5AH					0.85	1.87		
DM 6-5S	6V	5AH	67	67	96.5	112	0.76	1.67	S1-Spring	J
DM 6-6		6AH	85	48	112	118	1.05	2.31	F1-TAB 187E	A
DMC 6-7	6V	7AH	151	34	93.5	99	1.08	2.38	F1-TAB 187E	C
DM 6-7.2		7.2AH					1.15	2.54		
DMC 6-8		8AH					1.25	2.76		
DMH 6-9	6V	9AH	151	51	93.5	99	1.29	2.84	F1-TAB 187E	C
DM 6-10		10AH					1.70	3.75	F1-TAB 187E	
DMC 6-12		12AH					1.90	4.19		
DM 6-12.2		13AH					1.85	4.08		
DMH 6-14	14AH	1.95	4.30							
DMS 8-3.2P	8V	3.2AH	67	48	91	91	0.70	1.54	P1-PC 386P	G
DM 12-0.8C	12V	0.8AH	96	25	62	62	0.35	0.77	C1-Wire & Connector	I
DM 12-1.1	12V	1.1AH	97	43	52	56.5	0.45	0.99	F8-TAB 188C	F
DM 12-1.3		1.3AH					0.57	1.26		
DM 12-1.8	12V	1.8AH	177.5	35	61.5	66	0.77	1.70	F3-TAB 187A	C
DM 12-2.2		2.2AH					0.93	2.05		
DMH 12-2.8	12V	2.8AH	104	48	70	70	0.92	2.03	"+" F11-TAB 252D, "-F10-TAB 187D	H
DMS 12-3	12V	3AH	134	67	61	66	1.10	2.43	F1-TAB 187E	E
DM 12-3.3		3.3AH					1.20	2.65	F1-TAB 187E	
DMH 12-3.5	12V	3.5AH	179	35.5	68	73	1.10	2.43	"+" F6-TAB 256C, "-F8-TAB 188C	C
DMS 12-4	12V	4AH	89.5	70	100.5	105.5	1.35	2.98	F1-TAB 187E	C
DMC 12-4.5		4.5AH					1.55	3.42		
DMH 12-5		5AH					1.70	3.75		
DMS 12-6	12V	6AH	151	65	93.5	99	1.90	4.19	F1-TAB 187E	E
DMS 12-6.5		6.5AH					2.00	4.41		
DMC 12-7		7AH					2.10	4.63		
DM 12-7.2		7.2AH					2.2	4.85		
DML 12-7.5		7.5AH					2.35	5.18	F2-TAB 250A	
DMC 12-8		8AH					2.50	5.51		
DMH 12-9		9AH					2.55	5.62		
DMH 12-10	12V	10AH	151	65.5	109.5	121	3.00	6.61	B3-M5	E



## LIST OF DIAMEC SEALED LEAD ACID RECHARGEABLE BATTERY

### MICRO SERIES

Battery Model	Nominal Voltage	Rated Capacity at 10HR to 1.75V/Cell	Dimensions (mm)				Approx Weight		Standard Terminal	Terminal Position
			Length	Width	Case Height	Total Height including terminal	kg	lbs		
			L ± 2mm	W ± 2mm	H ± 3mm	TH ± 3mm				
DM 12-10.5	12V	10.5AH	151	99	95	100.5	3.40	7.50	F1-TAB 187E	E
DM 12-12		12AH					3.65	8.05	F1-TAB 187E	
DMC 12-12		12AH					3.78	8.33	F2-TAB 250A	
DMH 12-14		14AH					3.90	8.60	F2-TAB 250A	
DMH 12-15	12V	15AH	154	76	142.5	155	4.00	8.82	B1-M5	D
DM 12-15	12V	15AH	181	76	167	167	4.20	9.26	B1-M5	D
DM 12-18		18AH					5.10	11.24		
DMH 12-20		20AH					6.00	13.23	I2-M5	
DMS12-24	12V	24AH	175	166	126	126	7.90	17.42	B1-M5	D
DMH 12-26		26AH					8.20	18.08		
DMH 14-2.2	14V	2.2AH	150	45	66	66	1.00	2.20	B4-M2	F

### MEDIUM SERIES

Battery Model	Nominal Voltage	Rated Capacity at 10HR to 1.75V/Cell	Dimensions (mm)				Approx Weight		Standard Terminal	Terminal Position
			Length	Width	Case Height	Total Height including terminal	kg	lbs		
			L ± 2mm	W ± 2mm	H ± 3mm	TH ± 3mm				
DMH 12-35	12V	35AH	195	130.5	154	184	10.5	23.15	B2-M6	D
DMH 12-40	12V	40AH	196.5	165	170	170	13.00	28.66	I1-M6	D
DMH 12-65	12V	65AH	330	172	167	173	21.80	48.06	I3-M8 Threaded Insert Terminal Stud	D
DMH 12-80		80AH					24.00	52.91		
DMH 12-90	12V	90AH	330	172	217	223	27.50	60.63		C
DMH 12-100		100AH					31.50	69.45		
DMH 12-120	12V	120AH	450	172	217	223	36.50	80.47		C
DMH 12-150		150AH					46.50	102.51		
DMH 12-200	12V	200AH	494	239	217	223	63.20	139.33		F
DMH 12-100FT	12V	100AH	394	109	285	285	35.00	77.16	I1-M6	F
DMH12-150FT	12V	150AH	551	109	287	287	42.00	92.59		F

### MACRO SERIES

Battery Model	Nominal Voltage	Rated Capacity at 10HR to 1.75V/Cell	Maximum Dimensions (mm)				Approx Weight		Standard Terminal	Terminal Position
			Length	Width	Case Height	Total Height	kg	lbs		
			L	W	H	TH				
DML 2-120	2V	120AH	175	115	217	230	12.00	26.46	I3-M8 Threaded Insert Terminal Stud	Not relevant
DML 2-200		200AH	172	111	330	336	14.50	31.97		
DML 2-300		300AH	172	151	330	337	20.50	45.19		
DML 2-500		500AH	241	172	330	337	31.00	68.34		
DML 2-800		800AH	410	175	330	337	49.50	109.13		
DML 2-1000		1000AH	475	175	330	336	66.00	145.51		
DML 2-1500		1500AH	405	355	342	375	124.00	273.37		
DML 2-2000		2000AH	493	353	343	388	136.00	299.83		
DML 2-3000		3000AH	715	353	343	384	212.00	467.38		



**Table of Constant Current & Constant Power Discharge to 1.60VPC at 25°C(77°F)**

Time(min)		5	10	15	20	30	60	120	180	300	600
Type											
DM4-3.5	A	14.40	9.33	7.00	5.87	4.04	2.49	1.44	1.06	0.69	0.38
	W	50.40	32.67	24.50	20.55	14.13	8.71	5.03	3.70	2.41	1.34
DM6-1	A	4.11	2.67	2.00	1.68	1.15	0.71	0.41	0.30	0.20	0.11
	W	21.60	14.00	10.50	8.80	6.05	3.74	2.17	1.59	1.04	0.58
DM6-1.1	A	4.53	2.93	2.20	1.84	1.27	0.78	0.39	0.33	0.22	0.12
	W	23.76	15.40	11.55	9.68	6.66	4.11	2.06	1.75	1.15	0.63
DM6-1.3	A	5.35	3.47	2.60	2.18	1.50	0.93	0.53	0.39	0.26	0.14
	W	28.08	18.20	13.65	11.44	7.87	4.86	2.80	2.07	1.35	0.75
DM6-2.3	A	9.46	6.13	4.60	3.86	2.65	1.64	0.94	0.70	0.45	0.25
	W	49.68	32.22	24.15	20.24	13.92	8.60	4.96	3.66	2.38	1.32
DM6-2.8	A	11.52	7.47	5.60	4.69	3.23	1.99	1.15	0.85	0.55	0.31
	W	60.48	39.20	29.40	24.64	16.94	10.47	6.04	4.45	2.90	1.61
DM6-3.2	A	13.57	8.81	6.60	5.52	3.81	2.38	1.23	0.80	0.58	0.32
	W	71.25	46.25	34.65	29.00	20.00	12.50	7.05	5.12	3.35	1.90
DM6-3.3	A	13.57	8.81	6.60	5.52	3.81	2.38	13.40	0.97	0.63	0.36
	W	71.25	46.25	34.65	29.00	20.00	12.50	7.05	5.12	3.35	1.90
DMS6-4	A	15.00	10.08	7.50	6.30	4.30	2.57	1.62	0.92	0.74	0.40
	W	75.00	50.50	38.00	32.50	22.50	13.50	8.10	4.60	3.70	2.00
DMC6-4.5	A	18.00	11.23	8.57	6.19	5.23	3.33	1.83	1.33	0.89	0.49
	W	94.50	59.00	45.00	32.50	27.50	17.50	9.63	6.99	4.60	2.60
DMH6-5	A	23.10	14.38	10.76	9.05	6.19	3.81	2.03	1.48	0.98	0.55
	W	121.50	75.50	56.50	47.50	32.50	20.00	10.70	7.77	5.12	2.87
DM6-5S	A	18.00	11.23	8.57	6.19	5.23	3.33	1.83	1.33	0.89	0.49
	W	94.50	59.00	45.00	32.50	27.50	17.50	9.63	6.99	4.60	2.60
DM6-6	A	24.69	16.00	12.00	10.10	6.91	4.27	6.71	1.64	1.06	0.59
	W	129.60	84.00	63.00	52.80	36.30	22.43	11.64	8.59	5.59	3.11
DMC6-7	A	24.28	15.23	12.00	10.91	6.66	4.28	3.05	2.22	1.46	0.82
	W	127.50	80.00	63.00	53.00	35.00	22.50	16.04	11.66	7.67	4.31
DM6-7.2	A	30.48	19.23	14.38	12.19	8.57	5.52	3.69	1.74	1.38	0.71
	W	160.00	101.00	75.50	64.00	45.00	28.50	19.40	11.19	7.37	4.15
DMC6-8	A	34.28	21.33	16.09	13.33	9.33	5.81	2.99	2.36	1.56	0.78
	W	180.00	112.00	84.50	70.00	49.00	30.50	17.11	12.43	8.18	4.59
DMH6-9	A	38.09	23.80	17.62	14.76	10.10	6.29	3.36	2.66	1.75	0.99
	W	200.00	125.00	92.50	77.50	53.00	33.00	19.25	13.99	9.21	5.19
DM6-10	A	41.14	26.67	20.00	16.70	11.52	7.14	4.88	3.55	2.12	1.18
	W	216.00	140.00	105.00	88.00	60.50	37.50	25.67	18.65	12.28	6.89
DMC6-12	A	48.95	32.00	24.00	21.04	13.90	8.76	4.97	3.61	2.38	1.33
	W	257.00	168.00	126.00	105.50	73.00	46.00	26.10	18.96	12.48	7.01
DM6-12.2	A	50.19	32.55	24.40	20.45	14.06	8.69	5.01	3.70	2.40	1.33
	W	263.00	170.80	128.10	107.36	73.81	45.60	26.31	19.40	12.62	7.00
DMH6-14	A	55.24	34.76	26.00	21.90	15.14	8.72	5.70	4.14	2.72	1.60
	W	290.00	182.50	136.50	115.00	79.50	51.00	29.95	21.76	14.32	8.40
DM12-0.8C	A	4.11	2.67	2.00	1.68	1.15	0.71	0.41	0.30	0.20	0.11
	W	43.20	28.00	21.00	17.60	12.10	7.48	4.34	3.18	2.08	1.16
DM12-1.1	A	4.53	2.93	2.20	1.84	1.27	0.78	0.39	0.33	0.22	0.12
	W	47.56	30.80	23.00	19.36	13.20	8.22	4.12	3.50	2.30	1.26
DM12-1.3	A	5.35	3.47	2.6	2.18	1.5	0.93	0.53	0.39	0.26	0.14
	W	56.1	36.4	27.3	22.88	15.74	9.72	5.6	4.14	2.7	1.5
DM12-1.8	A	7.40	4.80	3.60	3.02	2.07	1.28	0.74	0.55	0.36	0.20
	W	77.50	50.40	37.80	31.50	21.50	13.50	7.70	5.70	3.70	2.07
DM12-2.2	A	9.52	5.91	4.76	3.81	2.86	1.71	0.90	0.65	0.43	0.25
	W	100.00	62.00	50.00	40.00	30.00	18.00	9.41	6.84	4.50	2.60
DMH12-2.8	A	11.52	7.47	5.6	4.69	3.23	1.99	1.15	0.85	0.552	0.31
	W	121	78.5	58.5	49.2	33.8	21	12.08	8.9	5.7	3.22
DMS12-3	A	11.52	7.47	5.60	4.69	3.23	1.99	1.15	0.85	0.55	0.31
	W	121.00	78.50	58.50	49.20	33.80	21.00	12.08	8.90	5.70	3.22
DM12-3.3	A	13.57	8.81	6.60	5.52	3.81	2.38	1.38	0.99	0.64	0.36
	W	142.50	92.50	69.30	58.00	40.00	25.00	14.50	10.40	6.80	3.80
DMH12-3.5	A	14.40	9.04	7.04	5.90	4.28	2.38	1.31	1.04	0.69	0.39
	W	151.20	95.00	74.00	62.00	45.00	25.00	14.97	10.90	7.20	4.10
DMS12-4	A	14.29	9.62	7.23	6.19	4.29	2.57	1.64	1.18	0.76	0.40
	W	150.00	101.00	76.00	65.00	45.00	27.00	17.25	12.37	8.02	4.16
DMC12-4.5	A	18.00	11.23	7.50	7.14	5.23	3.33	1.83	1.33	0.88	0.52
	W	189.00	118.00	90.00	75.00	55.00	35.00	19.25	13.99	9.21	5.45
DMH12-5	A	23.10	14.38	10.76	9.05	6.19	3.81	2.05	1.490	0.98	0.55
	W	243.00	151.00	113.00	95.00	65.00	40.00	21.50	15.60	10.30	5.80
DMS12-6	A	24.69	16.00	12.00	10.10	6.91	4.27	13.42	1.64	1.06	0.59
	W	259.00	168.00	126.00	105.60	72.60	44.80	23.28	17.20	11.12	6.22



**Table of Constant Current & Constant Power Discharge to 1.60VPC at 25°C(77°F)**

Time(min)		5	10	15	20	30	60	120	180	300	600
Type											
DMC12-7	A	24.28	15.23	12.00	10.91	6.86	4.28	2.86	2.08	1.33	0.76
	W	255.00	160.00	126.00	106.00	72.00	45.00	30.00	21.80	14.32	8.04
DM12-7.2	A	30.48	19.23	14.38	12.19	8.57	5.52	2.93	2.14	1.41	0.79
	W	320.00	202.00	151.00	128.00	90.00	57.00	30.80	22.50	14.80	8.30
DML12-7.5	A	30.85	19.18	14.29	12.00	8.61	5.33	3.09	2.21	1.43	0.79
	W	324	202	150	126	90.5	56	32.5	23.2	15	8.3
DMC12-8	A	34.28	21.33	16.09	13.33	9.33	5.81	3.28	2.38	1.57	0.88
	W	360.00	224.00	169.00	140.00	98.00	61.00	34.30	25.00	16.50	9.20
DMH12-9	A	38.09	23.80	17.62	14.76	10.10	6.29	3.67	2.68	1.59	0.99
	W	400.00	250.00	185.00	155.00	106.00	66.00	38.50	28.10	1.76	10.40
DMH12-10	A	41.14	26.67	20.00	16.70	11.52	7.14	4.10	3.00	1.95	1.09
	W	432.00	280.00	210.00	176.00	121.00	75.00	43.10	31.50	20.50	11.50
DM12-10.5	A	41.14	26.67	20.00	16.70	11.52	7.14	4.10	3.00	1.95	1.09
	W	432.00	280.00	210.00	176.00	121.00	75.00	43.10	31.50	20.50	11.50
DM12-12	A	49.04	32.00	24.00	20.09	13.90	8.76	4.88	3.55	2.34	1.31
	W	515.00	336.00	252.00	211.00	146.00	92.00	51.34	37.30	24.60	13.80
DMC12-12	A	49.04	32.00	24.00	20.09	13.90	8.76	4.88	3.55	2.34	1.31
	W	515.00	336.00	252.00	211.00	146.00	92.00	51.34	37.30	24.60	13.80
DMH12-14	A	55.24	34.76	26.00	21.90	15.14	9.71	5.71	4.14	2.72	1.57
	W	580.00	365.00	273.00	230.00	159.00	102.00	60.00	43.51	28.64	16.50
DMH12-15	A	55.52	35.24	26.67	22.57	15.52	9.81	6.11	4.44	2.92	1.58
	W	583.00	370.00	280.00	237.00	163.00	103.00	64.17	46.62	30.80	16.56
DM12-15	A	55.52	35.24	26.67	22.57	15.52	9.81	6.11	4.44	2.92	1.58
	W	583.00	370.00	280.00	237.00	163.00	103.00	64.17	46.62	30.80	16.56
DM12-18	A	74.10	48.00	36.00	30.19	20.95	12.86	7.33	5.33	3.50	1.97
	W	778.00	504.00	378.00	317.00	220.00	135.00	77.00	56.00	36.83	20.60
DMH12-20	A	82.40	53.80	40.00	33.81	23.81	14.67	8.19	5.90	3.89	2.14
	W	865.00	565.00	420.00	354.00	250.00	152.00	86.00	62.00	40.92	22.50
DMH12-26	A	95.05	64.10	55.43	44.57	28.60	18.60	11.00	7.40	5.24	2.95
	W	998.00	673.00	582.00	468.00	300.30	195.00	115.00	77.50	55.00	31.00
DMH12-35	A	120.57	81.43	56.95	40.00	36.76	23.33	13.62	9.79	6.52	3.73
	W	1266.00	855.00	598.00	420.00	386.00	245.00	143.00	102.80	68.50	39.00
DMH12-40	A	146.29	98.76	68.57	53.33	44.00	28.10	16.57	10.95	7.94	4.26
	W	1536.00	1037.00	720.00	560.00	462.00	295.00	174.00	115.00	83.00	45.00
DMH12-65	A	237.71	160.48	111.43	86.67	71.52	44.57	26.19	18.28	12.85	7.14
	W	2496.00	1685.00	1170.00	910.00	751.00	468.00	275.00	192.00	135.00	75.00
DMH12-80	A	292.57	197.52	137.14	106.67	88.00	56.00	32.85	22.67	15.23	8.57
	W	3072.00	2074.00	1440.00	1120.00	924.00	588.00	345.00	238.00	160.00	90.00
DMH12-90	A	310.85	209.81	145.71	113.33	93.52	61.77	36.34	25.48	16.80	11.42
	W	3264.00	2203.00	1530.00	1190.00	982.00	648.00	381.60	267.60	176.40	117.00
DMH12-100	A	365.71	246.86	171.43	133.33	110.00	69.50	40.00	28.57	20.00	11.40
	W	3840.00	2592.00	1800.00	1400.00	1155.00	730.00	420.00	300.00	210.00	120.00
DMH12-120	A	438.86	296.23	205.71	160.00	132.00	84.00	49.05	34.00	21.94	13.71
	W	4608.00	3110.00	2160.00	1680.00	1386.00	882.00	515.00	357.00	230.40	144.00
DMH12-150	A	548.50	370.29	257.14	200.00	165.00	104.00	61.90	42.47	29.50	16.70
	W	5760.00	3888.00	2700.00	2100.00	1733.00	1092.00	650.00	446.00	310.00	175.00
DMH12-200	A	731.43	493.71	342.80	266.67	220.00	138.66	83.43	56.57	40.00	22.67
	W	7680.00	5184.00	3600.00	2800.00	2310.00	1456.00	876.00	594.00	420.00	238.00
DMH12-100FT	A	365.71	246.86	171.43	133.33	110.00	69.50	40.00	28.57	20.00	11.40
	W	3840.00	2592.00	1800.00	1400.00	1155.00	730.00	420.00	300.00	210.00	120.00
DMH12-150FT	A	548.50	370.29	257.14	200.00	165.00	104.00	61.90	42.47	29.50	16.70
	W	5760.00	3888.00	2700.00	2100.00	1733.00	1092.00	650.00	446.00	310.00	175.00
DML2-120	A	438.85	296.00	205.71	160.00	132.00	82.00	49.26	35.52	23.43	13.14
	W	768.00	518.00	360.00	280.50	231.00	143.50	86.20	62.16	41.00	23.00
DML2-200	A	731.42	512.00	343.67	266.85	220.00	142.28	81.77	59.02	40.57	22.85
	W	1280.00	896.00	601.43	467.00	385.00	249.00	143.00	103.00	71.00	40.00
DML2-300	A	1097.14	740.50	515.31	400.57	330.00	214.00	123.66	88.80	60.63	34.28
	W	1920.00	1296.00	901.80	701.00	577.50	375.00	216.30	155.40	106.10	60.00
DML2-500	A	1562.86	1063.57	833.57	685.07	526.43	340.00	186.57	127.50	88.50	53.25
	W	2638.57	1902.86	1503.57	1296.00	957.14	597.00	356.50	259.00	170.50	100.00
DML2-800	A	2500.57	1701.71	1333.71	1096.11	842.29	498.29	298.51	216.37	141.60	85.20
	W	4221.71	3044.57	2405.71	2010.29	1531.43	955.20	570.40	414.40	272.80	153.14
DML2-1000	A	3125.71	2127.14	1667.14	1370.14	1052.86	622.86	373.14	273.00	193.50	106.50
	W	5277.14	3805.71	3007.14	2512.86	1914.29	1194.00	713.00	518.00	341.00	191.43
DML2-1500	A	4688.57	3190.71	2500.71	2055.21	1579.29	934.29	559.71	420.00	265.50	159.75
	W	7915.71	5708.57	4510.71	3769.29	2871.43	1791.00	1069.50	777.00	511.50	287.14
DML2-2000	A	6251.43	4254.29	3334.29	2740.29	2105.71	1245.71	746.29	583.00	354.00	213.00
	W	10554.29	7611.43	6014.29	5025.71	3828.57	2388.00	1426.00	1036.00	682.00	382.86
DML2-3000	A	9377.14	6381.43	5001.43	4110.43	3158.57	1868.57	1119.43	825.00	592.00	319.50
	W	15831.43	11417.14	9021.43	7538.57	5742.86	3582.00	2139.00	1554.00	1023.00	574.29



**Table of Constant Current & Constant Power Discharge to 1.65VPC at 25°C(77°F)**

Time(min)		12	10	15	20	30	60	120	180	300	600
Type											
DM4-3.5	A	14.06	9.05	6.71	5.57	3.75	2.31	1.37	1.00	0.63	0.33
	W	49.20	31.67	23.50	19.50	13.13	8.10	4.80	3.50	2.21	1.15
DM6-1	A	3.92	2.44	1.90	1.52	1.07	0.65	0.38	0.28	0.18	0.10
	W	20.60	12.80	10.00	8.00	5.60	3.40	1.98	1.49	0.95	0.52
DM6-1.1	A	4.14	2.74	2.01	1.73	1.19	0.74	0.36	0.30	0.19	0.10
	W	21.75	14.40	10.55	9.10	6.26	3.90	1.90	1.60	1.00	0.55
DM6-1.3	A	5.14	3.28	2.48	2.10	1.39	0.86	0.44	0.34	0.20	0.11
	W	27.00	17.20	13.00	11.00	7.30	4.50	2.30	1.80	1.05	0.60
DM6-2.3	A	9.26	5.25	4.48	3.71	2.57	1.52	0.86	0.63	0.38	0.19
	W	48.60	31.22	23.50	19.50	13.50	8.00	4.50	3.30	2.00	1.00
DM6-2.8	A	11.33	7.28	5.40	4.57	3.09	1.81	1.05	0.78	0.46	0.23
	W	59.50	38.20	28.40	24.00	16.20	9.50	5.50	4.10	2.40	1.20
DM6-3.2	A	13.42	8.67	6.43	5.43	3.71	2.29	1.21	0.88	0.58	0.32
	W	70.50	45.50	33.75	28.50	19.50	12.00	7.01	5.05	3.21	1.90
DM6-3.3	A	13.42	8.67	6.43	5.43	3.71	2.29	13.30	0.96	0.61	0.35
	W	70.50	45.50	33.75	28.50	19.50	12.00	7.01	5.05	3.21	1.85
DMS6-4	A	14.19	9.52	7.14	6.14	4.27	2.48	1.43	0.76	0.61	0.32
	W	74.00	50.00	37.50	32.00	22.00	13.00	7.50	4.00	3.20	1.70
DMC6-4.5	A	17.09	11.14	8.46	6.00	5.15	3.24	1.77	1.23	0.79	0.43
	W	94.00	58.50	44.50	31.50	27.00	17.00	9.30	6.50	0.88	2.30
DMH6-5	A	23.04	14.28	10.67	8.95	6.09	3.71	1.83	1.33	0.87	0.52
	W	121.00	75.00	56.00	47.00	32.00	19.50	10.62	7.73	5.08	2.75
DM6-5S	A	17.09	11.14	8.46	6.00	5.15	3.24	1.77	1.23	0.79	0.43
	W	94.00	58.50	44.50	31.50	27.00	17.00	9.30	6.50	0.88	2.30
DM6-6	A	24.48	15.80	11.81	9.86	6.76	4.08	2.02	1.48	1.05	0.57
	W	128.50	83.00	62.00	51.80	35.50	21.43	10.33	7.22	5.50	3.00
DMC6-7	A	24.19	15.14	11.90	10.00	6.47	4.19	2.75	2.00	1.41	0.72
	W	127.00	79.50	62.50	52.50	34.00	22.00	15.93	11.59	7.62	4.31
DM6-7.2	A	30.38	19.14	14.29	12.09	8.47	5.33	2.91	1.92	1.35	0.69
	W	159.50	100.50	75.00	63.50	44.50	28.00	15.29	11.12	73.20	4.14
DMC6-8	A	34.19	21.23	16.00	13.23	9.23	5.71	2.93	2.34	1.55	0.77
	W	179.50	111.50	84.00	69.50	48.50	30.00	16.99	12.36	8.13	4.59
DMH6-9	A	37.90	23.71	17.52	14.67	10.00	6.19	3.30	2.64	1.74	0.98
	W	199.00	124.50	92.00	77.00	52.50	32.50	19.16	13.91	9.15	5.17
DM6-10	A	40.95	26.47	19.90	16.57	11.42	7.05	4.05	2.87	1.93	1.13
	W	215.00	139.00	104.50	87.00	60.00	37.00	21.24	15.05	10.17	5.93
DMC6-12	A	48.76	31.61	23.90	20.00	13.81	8.67	4.85	3.53	2.33	1.31
	W	256.00	166.00	125.50	105.00	72.50	45.50	25.49	18.54	12.20	6.89
DM6-12.2	A	49.71	32.19	24.02	20.28	13.71	8.38	4.76	3.43	2.10	1.14
	W	261.00	169.00	126.10	106.50	72.00	44.00	25.00	18.00	11.00	6.00
DMH6-14	A	55.14	34.67	25.90	21.81	15.05	9.62	5.66	4.12	2.71	1.55
	W	289.00	182.00	136.00	114.00	79.00	50.00	29.74	21.63	14.23	8.04
DM12-0.8C	A	3.92	2.44	1.90	1.52	1.07	0.65	0.38	0.28	0.18	0.10
	W	41.20	25.60	20.00	16.00	11.20	6.80	3.96	2.98	1.90	1.04
DM12-1.1	A	4.14	2.74	2.01	1.73	1.19	0.74	0.36	0.30	0.19	0.10
	W	43.50	28.80	21.00	18.20	12.50	7.80	3.80	3.20	2.00	1.10
DM12-1.3	A	5.14	3.28	2.48	2.10	1.39	0.86	0.44	0.34	0.20	0.11
	W	54.00	34.20	26.00	22.00	14.60	9.00	4.60	3.60	2.10	1.40
DM12-1.8	A	7.23	4.52	3.48	2.76	1.90	1.21	0.71	0.49	0.31	0.16
	W	76.00	47.50	36.50	29.00	20.00	12.70	7.50	5.20	3.30	1.70
DM12-2.2	A	9.38	5.81	4.66	3.67	2.71	1.57	0.89	0.64	0.42	0.24
	W	98.50	61.00	49.00	38.50	28.50	16.50	9.35	6.80	4.45	2.50
DMH12-2.8	A	11.33	7.28	5.41	4.57	3.08	1.81	1.05	0.78	0.50	0.29
	W	119.00	76.40	56.80	48.00	32.40	19.00	11.00	8.20	5.20	3.00
DMS12-3	A	11.33	7.28	5.41	4.57	3.08	1.81	1.05	0.78	0.50	0.29
	W	119.00	76.40	56.80	48.00	32.40	19.00	11.00	8.20	5.20	3.00
DM12-3.3	A	13.42	8.67	6.43	5.43	3.71	2.29	1.35	0.97	0.62	0.34
	W	141.00	91.00	67.50	57.00	39.00	24.00	14.20	10.20	6.50	3.60
DMH12-3.5	A	14.28	8.95	6.95	5.81	4.19	2.30	1.29	1.03	0.67	0.38
	W	150.00	94.00	73.00	61.00	44.00	24.20	14.87	10.80	7.00	4.00
DMS12-4	A	14.19	9.52	7.14	6.14	4.19	2.48	1.43	0.76	0.61	0.32
	W	149.00	100.00	75.00	64.00	44.00	26.00	15.00	8.00	6.40	3.40
DMC12-4.5	A	17.90	11.14	8.46	7.05	5.15	3.24	1.83	1.32	0.87	0.51
	W	188.00	117.00	89.00	74.00	54.00	34.00	19.12	13.91	9.15	5.30
DMH12-5	A	23.04	14.28	10.67	8.95	6.09	3.71	2.02	1.45	0.96	0.54
	W	242.00	150.00	112.00	94.00	64.00	39.00	21.24	15.30	10.10	5.70
DMS12-6	A	24.48	15.80	11.81	9.86	6.76	4.08	2.02	1.48	1.05	0.57
	W	257.00	166.00	124.00	103.50	71.00	42.80	22.50	16.50	10.50	6.00
DMC12-7	A	24.19	15.14	11.90	10.00	6.76	4.19	2.81	2.05	1.28	0.75
	W	254.00	159.00	125.00	105.00	71.00	44.00	29.50	21.50	14.23	7.90



### Table of Constant Current & Constant Power Discharge to 1.65VPC at 25°C(77°F)

Time(min)		12	10	15	20	30	60	120	180	300	600
Type											
DM12-7.2	A	30.38	19.14	14.29	12.09	8.47	5.33	2.88	2.12	1.38	0.77
	W	319.00	201.00	150.00	127.00	89.00	56.00	30.20	22.25	14.50	8.10
DML12-7.5	A	30.76	19.14	14.19	11.90	8.52	5.24	3.00	2.11	1.38	0.77
	W	323.00	201.00	149.00	125.00	89.50	55.00	31.50	22.20	14.50	8.10
DMC12-8	A	34.19	21.23	16.00	13.23	9.23	5.71	3.15	2.33	1.53	0.86
	W	359.00	223.00	168.00	139.00	97.00	60.00	33.40	24.50	16.10	9.00
DMH12-9	A	37.90	23.71	17.52	14.67	10.00	6.19	3.64	2.65	1.74	0.97
	W	398.00	249.00	184.00	154.00	105.00	65.00	38.20	27.80	18.30	10.20
DMH12-10	A	40.95	26.57	19.00	16.57	11.42	7.05	4.05	2.94	1.93	1.07
	W	430.00	279.00	209.00	174.00	120.00	74.00	42.50	30.90	20.30	11.30
DM12-10.5	A	40.95	26.57	19.00	16.57	11.42	7.05	4.05	2.94	1.93	1.07
	W	430.00	279.00	209.00	174.00	120.00	74.00	42.50	30.90	20.30	11.30
DM12-12	A	48.95	30.68	23.90	20.00	13.81	8.67	4.85	3.53	2.32	1.29
	W	514.00	336.00	251.00	210.00	145.00	91.00	50.98	37.08	24.40	13.60
DMC12-12	A	48.95	30.68	23.90	20.00	13.81	8.67	4.85	3.53	2.32	1.29
	W	514.00	336.00	251.00	210.00	145.00	91.00	50.98	37.08	24.40	13.60
DMH12-14	A	55.14	34.67	25.90	21.81	15.05	9.62	5.67	4.12	2.70	1.55
	W	579.00	364.00	272.00	229.00	158.00	101.00	59.50	43.26	28.40	16.30
DMH12-15	A	55.43	35.14	26.57	22.47	15.43	9.71	6.07	4.41	2.90	1.54
	W	582.00	369.00	279.00	236.00	162.00	102.00	63.72	46.35	30.50	16.20
DM12-15	A	55.43	35.14	26.57	22.47	15.43	9.71	6.07	4.41	2.90	1.54
	W	582.00	369.00	279.00	236.00	162.00	102.00	63.72	46.35	30.50	16.20
DM12-18	A	73.90	47.90	35.90	30.09	20.86	12.76	7.28	5.30	3.48	1.92
	W	776.00	503.00	377.00	316.00	219.00	134.00	76.46	55.62	36.60	20.20
DMH12-20	A	82.28	53.71	39.90	33.62	23.71	14.57	8.04	5.88	3.87	2.12
	W	863.00	564.00	419.00	353.00	249.00	151.00	84.50	61.80	40.66	22.30
DMH12-26	A	94.85	63.90	55.24	44.38	28.01	18.19	10.76	7.29	5.14	2.86
	W	996.00	671.00	580.00	466.00	295.00	191.00	113.00	76.50	54.00	30.00
DMH12-35	A	120.38	81.33	56.86	39.90	36.30	23.24	13.52	9.70	6.43	3.62
	W	1264.00	854.00	597.00	419.00	382.00	244.00	142.00	101.80	67.50	38.00
DMH12-40	A	146.09	98.47	68.48	53.24	43.90	28.00	16.19	10.86	7.81	4.19
	W	1534.00	1034.00	718.00	558.00	460.00	293.00	170.00	114.00	82.00	44.00
DMH12-65	A	237.50	160.38	111.33	86.57	71.43	44.48	26.10	18.19	12.76	7.10
	W	2494.00	1684.00	1169.00	909.00	750.00	467.00	274.00	191.00	134.00	74.50
DMH12-80	A	292.19	197.43	136.85	106.57	87.90	55.90	32.76	22.57	15.14	8.48
	W	3068.00	2073.00	1437.00	1119.00	923.00	587.00	344.00	237.00	159.00	89.00
DMH12-90	A	310.67	209.71	145.62	113.23	93.42	61.62	36.19	25.33	16.67	11.05
	W	3262.00	2202.00	1529.00	1189.00	981.00	646.00	380.00	266.00	175.50	116.00
DMH12-100	A	365.52	246.76	171.33	133.24	109.90	69.43	39.90	28.48	19.90	11.33
	W	3838.00	2591.00	1799.00	1399.00	1154.00	729.00	419.00	299.00	209.00	119.00
DMH12-120	A	438.67	296.10	205.62	159.90	131.90	83.90	48.95	33.90	21.85	13.62
	W	4606.00	3109.00	2159.00	1679.00	1385.00	881.00	514.00	356.00	229.40	143.00
DMH12-150	A	548.38	370.19	257.05	199.90	164.95	103.90	61.81	42.38	29.43	16.57
	W	5758.00	3887.00	2699.00	2099.00	1732.00	1091.00	649.00	445.00	309.00	174.00
DMH12-200	A	731.24	493.33	342.48	266.48	219.90	138.40	83.33	56.48	39.90	22.57
	W	7678.00	5180.00	3596.00	2798.00	2309.00	1454.00	875.00	593.00	419.00	237.00
DMH12-100FT	A	365.52	246.76	171.33	133.24	109.90	69.43	39.90	28.48	19.90	11.33
	W	3838.00	2591.00	1799.00	1399.00	1154.00	729.00	419.00	299.00	209.00	119.00
DMH12-150FT	A	548.38	370.19	257.05	199.90	164.95	103.90	61.81	42.38	29.43	16.57
	W	5758.00	3887.00	2699.00	2099.00	1732.00	1091.00	649.00	445.00	309.00	174.00
DML2-120	A	434.28	292.00	202.28	157.00	129.88	80.57	48.57	34.85	22.29	12.57
	W	760.00	511.00	354.17	275.00	227.31	141.00	85.00	61.00	39.00	22.00
DML2-200	A	702.85	508.57	337.14	264.00	217.70	140.00	80.91	57.14	39.42	21.88
	W	1230.00	890.00	590.29	462.00	381.00	245.00	141.60	100.00	69.00	38.29
DML2-300	A	1085.70	737.14	505.96	394.28	324.57	208.57	122.07	86.85	58.28	32.81
	W	1900.00	1290.00	885.43	690.00	568.00	365.00	212.40	152.00	102.00	57.43
DML2-500	A	1470.71	1020.71	793.57	666.43	510.00	335.00	183.14	125.50	87.29	52.63
	W	2591.43	1870.00	1475.71	1263.57	947.14	593.00	354.00	257.50	169.43	98.00
DML2-800	A	2353.14	1633.14	1269.71	1066.29	816.00	490.29	293.03	215.37	139.66	84.20
	W	4146.29	2992.00	2361.14	2021.71	1515.43	948.80	566.40	412.00	271.09	153.14
DML2-1000	A	2941.43	2041.43	1587.14	1332.86	1020.00	612.86	366.29	266.71	188.50	105.25
	W	5182.86	3740.00	2951.43	2527.14	1894.29	1186.00	708.00	515.00	338.86	188.00
DML2-1500	A	4412.14	3062.14	2380.71	1999.29	1530.00	919.29	549.43	400.07	261.86	157.88
	W	7774.29	5610.00	4427.14	3790.71	2841.43	1779.00	1062.00	772.50	508.29	287.14
DML2-2000	A	5882.86	4082.86	3174.29	2665.71	2040.00	1225.71	732.57	533.43	349.14	210.50
	W	10365.71	7480.00	5902.86	5054.29	3788.57	2372.00	1416.00	1030.00	677.71	382.86
DML2-3000	A	8824.29	6124.29	4761.43	3998.57	3060.00	1838.57	1098.86	817.00	575.00	315.75
	W	15548.57	11220.00	8854.29	7581.43	5682.86	3558.00	2124.00	1545.00	1016.57	574.29



**Table of Constant Current & Constant Power Discharge to 1.70VPC at 25°C(77°F)**

Time(min) Type		5	10	15	20	30	60	120	180	300	600
DM4-3.5	A	13.71	8.71	6.43	5.29	3.47	2.14	1.23	0.94	0.57	0.29
	W	48.00	30.50	22.50	18.50	12.13	7.50	4.30	3.30	2.01	1.02
DM6-1	A	3.71	2.34	1.81	1.43	0.99	0.59	0.34	0.26	0.17	0.09
	W	19.50	12.30	9.50	7.50	5.20	3.10	1.80	1.35	0.88	0.48
DM6-1.1	A	3.94	2.55	1.81	1.64	1.12	0.65	0.32	0.28	0.17	0.09
	W	20.70	13.40	9.50	8.60	5.90	3.40	1.70	1.45	0.90	0.49
DM6-1.3	A	4.95	3.14	2.38	2.00	1.31	0.78	0.38	0.29	0.15	0.15
	W	26.00	16.50	12.50	10.50	6.90	4.10	2.00	1.50	0.80	0.45
DM6-2.3	A	9.07	5.76	4.34	3.52	2.38	1.43	0.78	0.57	0.32	0.15
	W	47.60	30.22	22.80	18.50	12.50	7.50	4.10	3.00	1.70	0.80
DM6-2.8	A	11.14	7.14	5.24	4.42	2.95	1.73	0.97	0.72	0.40	0.17
	W	58.5	37.50	27.50	23.20	15.50	9.10	5.10	3.80	2.10	0.90
DM6-3.2	A	13.24	8.48	6.24	5.24	3.52	2.10	1.21	0.88	0.58	0.32
	W	69.50	44.50	32.50	27.50	18.50	11.00	6.93	5.06	3.17	1.89
DM6-3.3	A	13.24	8.48	6.24	5.24	3.52	2.10	1.32	0.92	0.60	0.34
	W	69.50	44.50	32.50	27.50	18.50	11.00	6.93	4.80	3.17	1.80
DMS6-4	A	14.10	9.33	6.95	5.90	4.10	2.33	1.33	0.67	0.57	0.31
	W	74.00	49.00	36.50	31.00	21.30	12.00	7.00	3.50	3.00	1.60
DMC6-4.5	A	17.71	10.95	8.28	5.71	4.76	3.05	1.69	1.16	0.78	0.40
	W	93.00	57.50	43.50	30.00	25.00	16.00	8.90	6.10	0.86	2.10
DMH6-5	A	22.85	14.10	10.47	8.76	5.91	3.52	1.83	1.34	0.87	0.50
	W	120.00	74.00	55.00	46.00	31.00	18.50	10.50	7.67	5.03	2.60
DM6-5S	A	17.71	10.95	8.28	5.71	4.76	3.05	1.69	1.16	0.78	0.40
	W	93.00	57.50	43.50	30.00	25.00	16.00	8.90	6.10	0.86	2.10
DM6-6	A	24.28	15.61	11.62	9.71	6.57	3.81	2.00	1.46	0.95	0.55
	W	127.50	82.00	61.00	51.00	34.50	20.00	9.89	6.78	5.00	2.33
DMC6-7	A	24.00	14.95	11.71	9.81	6.28	4.00	2.55	1.78	1.35	0.68
	W	126.00	78.50	61.50	51.50	33.00	21.00	15.50	11.00	7.10	4.00
DM6-7.2	A	30.19	18.95	14.09	11.90	8.29	5.14	2.80	1.88	1.31	0.66
	W	158.50	99.50	74.00	62.50	43.50	27.00	14.70	11.50	7.54	4.30
DMC6-8	A	34.00	21.04	15.81	13.05	9.05	5.52	2.93	2.32	1.53	0.75
	W	178.50	110.50	83.00	68.50	47.50	29.00	16.80	12.26	8.04	4.58
DMH6-9	A	37.71	23.52	17.33	14.48	9.81	6.00	3.21	2.57	1.62	0.93
	W	197.00	123.00	91.00	76.00	51.50	31.50	18.50	13.50	8.50	4.90
DM6-10	A	40.76	26.38	19.71	16.38	11.24	6.86	3.96	2.76	1.84	1.05
	W	214.00	138.00	103.50	86.00	59.00	36.00	20.80	14.50	9.70	5.50
DMC6-12	A	48.57	31.42	23.71	19.81	13.62	8.47	4.80	3.50	2.29	1.31
	W	255.00	165.00	124.50	104.00	71.50	44.50	25.20	18.40	12.06	6.88
DM6-12.2	A	49.33	31.81	23.71	20.00	13.52	8.18	4.54	3.23	1.81	0.95
	W	259.00	167.00	124.50	105.00	71.00	43.00	24.00	17.00	9.50	5.00
DMH6-14	A	54.95	34.48	25.71	21.62	15.60	9.43	5.60	4.08	2.68	1.53
	W	288.50	181.00	135.00	113.50	78.00	49.50	29.40	21.46	14.07	8.02
DM12-0.8C	A	3.71	2.34	1.81	1.43	0.99	0.59	0.34	0.26	0.17	0.09
	W	39.00	24.60	19.00	15.00	10.40	6.20	3.60	2.70	1.76	0.96
DM12-1.1	A	3.94	2.55	1.81	1.64	1.12	0.65	0.32	0.28	0.17	0.09
	W	41.40	26.80	19.00	17.20	11.80	6.80	3.40	2.90	1.80	0.98
DM12-1.3	A	4.95	3.14	2.38	2.00	1.31	0.78	0.38	0.29	0.15	0.15
	W	52.00	33.00	25.00	21.00	13.80	8.20	4.00	3.00	1.60	1.30
DM12-1.8	A	7.10	4.28	3.33	2.67	1.80	1.14	0.68	0.46	0.28	0.14
	W	74.50	45.00	35.00	28.00	18.90	12.00	7.10	4.80	2.90	1.50
DM12-2.2	A	9.19	5.62	4.48	3.48	2.52	1.38	0.88	0.63	0.41	0.23
	W	96.50	59.00	47.00	36.50	26.50	14.50	9.24	6.75	4.40	2.40
DMH12-2.8	A	11.14	7.14	5.23	4.41	2.95	1.73	0.97	0.72	0.45	0.27
	W	117.00	75.00	55.00	46.40	31.00	18.20	10.20	7.60	4.70	2.80
DMS12-3	A	11.14	7.14	5.23	4.41	2.95	1.73	0.97	0.72	0.45	0.27
	W	117.00	75.00	55.00	46.40	31.00	18.20	10.20	7.60	4.70	2.80
DM12-3.3	A	13.24	8.48	6.24	5.24	3.52	2.10	1.32	0.95	0.60	0.32
	W	139.00	89.00	65.50	55.00	37.00	22.00	13.86	10.00	6.20	3.40
DMH12-3.5	A	14.10	8.76	6.76	5.62	4.00	2.11	1.28	1.02	0.65	0.37
	W	148.00	92.00	71.00	59.00	42.00	22.20	14.70	10.70	6.80	3.90
DMS12-4	A	14.10	9.33	6.95	5.90	4.10	2.33	1.38	0.72	0.57	0.30
	W	148.00	98.00	73.00	62.00	43.00	24.50	14.50	7.60	6.00	3.20
DMC12-4.5	A	17.71	10.95	8.28	6.85	4.95	3.05	1.80	1.31	0.86	0.50
	W	186.00	115.00	87.00	72.00	52.00	32.00	18.90	13.80	9.05	5.16
DMH12-5	A	22.85	14.10	10.47	8.76	5.91	3.52	2.00	1.44	0.95	0.52
	W	240.00	148.00	110.00	92.00	62.00	37.00	21.00	15.10	10.00	5.50
DMS12-6	A	24.28	15.61	11.62	9.71	6.57	3.81	2.00	1.46	0.96	0.55
	W	255.00	164.00	122.00	102.00	69.00	40.00	21.50	16.00	10.00	5.80
DMC12-7	A	24.00	14.95	11.71	9.81	6.57	4.00	2.78	2.03	1.22	0.74
	W	252.00	157.00	123.00	103.00	69.00	42.00	29.20	21.30	14.07	7.80
DM12-7.2	A	30.19	18.95	14.10	11.90	8.29	5.14	2.63	2.10	1.35	0.76
	W	317.00	199.00	148.00	125.00	87.00	54.00	2.86	22.08	14.20	8.00



**Table of Constant Current & Constant Power Discharge to 1.70VPC at 25°C(77°F)**

Time(min)		5	10	15	20	30	60	120	180	300	600
Type											
DML12-7.5	A	30.67	19.04	14.09	11.81	8.42	5.14	2.90	2.00	1.33	0.75
	W	322.00	200.00	148.00	124.00	88.50	54.00	30.50	21.20	14.00	7.90
DMC12-8	A	34.00	21.04	15.81	13.05	9.05	5.52	3.10	2.29	1.50	0.84
	W	357.00	221.00	166.00	137.00	95.00	58.00	32.60	24.10	15.80	8.80
DMH12-9	A	37.71	23.52	17.33	14.48	9.81	6.00	3.60	2.62	1.71	0.95
	W	396.00	247.00	182.00	152.00	103.00	63.00	37.80	27.50	18.00	10.00
DMH12-10	A	40.76	26.38	19.71	16.38	11.24	6.86	4.00	2.91	1.91	1.06
	W	428.00	277.00	207.00	172.00	118.00	72.00	42.00	30.60	20.10	11.10
DM12-10.5	A	40.76	26.38	19.71	16.38	11.24	6.86	4.00	2.91	1.91	1.06
	W	428.00	277.00	207.00	172.00	118.00	72.00	42.00	30.60	20.10	11.10
DM12-12	A	48.76	31.81	23.71	19.81	13.62	8.47	4.80	3.50	2.29	1.29
	W	512.00	334.00	249.00	208.00	143.00	89.00	50.40	36.79	24.12	13.50
DMC12-12	A	48.76	31.81	23.71	19.81	13.62	8.47	4.80	3.50	2.29	1.29
	W	512.00	334.00	249.00	208.00	143.00	89.00	50.40	36.79	24.12	13.50
DMH12-14	A	54.95	34.48	25.71	21.62	14.85	9.43	5.60	4.09	2.67	1.53
	W	577.00	362.00	270.00	227.00	156.00	99.00	58.80	42.92	28.10	16.10
DMH12-15	A	55.23	34.95	26.38	22.28	15.23	9.62	6.00	4.38	2.87	1.51
	W	580.00	367.00	277.00	234.00	160.00	101.00	63.00	45.99	30.15	15.90
DM12-15	A	55.23	34.95	26.38	22.28	15.23	9.62	6.00	4.38	2.87	1.51
	W	580.00	367.00	277.00	234.00	160.00	101.00	63.00	45.99	30.15	15.90
DM12-18	A	73.71	47.71	35.71	29.90	20.67	12.57	7.20	5.25	3.44	1.90
	W	774.00	501.00	375.00	314.00	217.00	132.00	75.60	55.19	36.18	20.00
DMH12-20	A	82.00	53.52	39.71	33.43	23.52	14.38	8.00	5.84	3.83	2.09
	W	861.00	562.00	417.00	351.00	247.00	150.00	84.00	61.32	40.20	22.00
DMH12-26	A	94.66	63.71	55.05	44.19	27.60	17.80	10.42	7.05	4.98	2.84
	W	994.00	669.00	578.00	464.00	290.00	187.00	109.20	74.00	52.26	29.80
DMH12-35	A	120.19	81.14	56.28	39.52	36.20	23.05	13.33	9.52	6.33	3.52
	W	1262.00	852.00	591.00	415.00	380.00	242.00	140.00	100.00	66.50	37.00
DMH12-40	A	145.90	98.10	68.28	53.04	43.71	27.81	16.00	10.76	7.66	4.10
	W	1532.00	1030.00	716.00	556.00	459.00	291.00	168.00	113.00	80.40	43.00
DMH12-65	A	237.33	160.19	111.14	86.38	71.23	44.28	26.00	18.00	12.67	7.00
	W	2492.00	1682.00	1167.00	907.00	748.00	465.00	273.00	189.00	133.00	73.50
DMH12-80	A	291.80	197.20	136.47	106.38	87.71	55.71	32.67	22.48	15.05	8.38
	W	3064.00	2071.00	1433.00	1117.00	921.00	585.00	343.00	236.00	158.00	88.00
DMH12-90	A	310.50	209.50	145.43	113.05	93.23	61.33	36.00	25.23	16.57	10.95
	W	3260.00	2200.00	1527.00	1187.00	979.00	644.00	378.00	265.00	174.50	115.00
DMH12-100	A	365.33	246.47	171.14	133.05	109.71	69.24	39.81	28.38	19.80	11.24
	W	3836.00	2588.00	1797.00	1397.00	1152.00	727.00	418.00	298.00	208.00	118.00
DMH12-120	A	438.48	295.90	205.43	159.71	131.71	83.71	48.85	33.81	21.71	13.52
	W	4604.00	3107.00	2157.00	1677.00	1383.00	879.00	513.00	355.00	228.00	142.00
DMH12-150	A	548.19	370.00	256.86	199.71	164.76	103.71	61.71	43.62	29.33	16.48
	W	5756.00	3885.00	2697.00	2097.00	1730.00	1089.00	648.00	458.00	308.00	173.00
DMH12-200	A	731.05	493.43	342.19	266.19	219.71	138.19	83.05	56.19	39.52	22.28
	W	7676.00	5178.00	3593.00	2795.00	2307.00	1451.00	872.00	590.00	415.00	234.00
DMH12-100FT	A	365.33	246.47	171.14	133.05	109.71	69.24	39.81	28.38	19.80	11.24
	W	3836.00	2588.00	1797.00	1397.00	1152.00	727.00	418.00	298.00	208.00	118.00
DMH12-150FT	A	548.19	370.00	256.86	199.71	164.76	103.71	61.71	43.62	29.33	16.48
	W	5756.00	3885.00	2697.00	2097.00	1730.00	1089.00	648.00	458.00	308.00	173.00
DML2-120	A	429.71	289.00	201.01	153.71	128.72	78.85	48.00	34.28	21.14	12.28
	W	752.00	506.00	351.77	269.00	225.26	138.00	84.00	60.00	37.00	21.50
DML2-200	A	685.71	491.43	335.02	261.00	214.53	137.71	80.00	56.00	38.28	20.57
	W	1200.00	860.00	586.29	457.00	375.43	241.00	140.00	98.00	67.00	36.00
DML2-300	A	1074.00	728.57	502.53	388.57	321.00	205.74	120.00	85.71	57.42	31.35
	W	1880.00	1275.00	879.43	680.00	563.14	360.00	210.00	150.00	100.50	55.00
DML2-500	A	1388.57	980.71	769.29	649.29	500.00	332.86	182.86	121.80	87.14	51.00
	W	2475.71	1817.14	1465.71	1233.57	938.57	585.50	350.00	255.50	167.50	97.00
DML2-800	A	2221.71	1569.14	1230.86	1038.86	800.00	484.57	292.57	213.71	133.43	83.60
	W	3961.14	2907.43	2345.14	1973.71	1501.71	936.80	560.00	408.80	268.00	152.80
DML2-1000	A	2777.14	1961.43	1538.57	1298.57	1000.00	605.71	365.71	262.14	184.00	104.50
	W	4951.43	3634.29	2931.43	2467.14	1877.14	1171.00	700.00	511.00	335.00	187.00
DML2-1500	A	4165.71	2942.14	2307.86	1947.86	1500.00	908.57	548.57	390.00	255.00	156.75
	W	7427.14	5451.43	4397.14	3700.71	2815.71	1756.50	1050.00	766.50	502.50	286.50
DML2-2000	A	5554.29	3922.86	3077.14	2597.14	2000.00	1211.43	731.43	504.00	348.57	209.00
	W	9902.86	7268.57	5862.86	4934.29	3754.29	2342.00	1400.00	1022.00	670.00	382.00
DML2-3000	A	8331.43	5884.29	4615.71	3895.71	3000.00	1817.14	1097.14	801.43	561.00	313.50
	W	14854.29	10902.86	8794.29	7401.43	5631.43	3513.00	2100.00	1533.00	1005.00	573.00



**Table of Constant Current & Constant Power Discharge to 1.75 VPC at 25°C (77°F)**

Time(min)		5	10	15	20	30	60	120	180	300	600
Type											
DM4-3.5	A	13.43	8.43	6.14	5.00	3.18	2.03	1.14	0.83	0.54	0.26
	W	47.00	29.50	21.50	17.50	11.13	7.10	4.00	2.90	1.90	0.90
DM6-1	A	3.43	2.29	1.71	1.33	0.91	0.54	0.32	0.23	0.14	0.09
	W	18.00	12.00	9.00	7.00	4.80	2.70	1.70	1.20	0.75	0.40
DM6-1.1	A	3.75	2.36	1.62	1.54	1.04	0.55	0.29	0.25	0.14	0.09
	W	19.70	12.40	8.50	8.10	5.40	2.90	1.50	1.30	0.75	0.45
DM6-1.3	A	4.76	2.99	2.19	1.92	1.20	0.72	0.32	0.23	0.11	0.07
	W	25.00	15.70	11.50	10.10	6.30	3.80	1.70	1.20	0.60	0.35
DM6-2.3	A	8.86	5.56	4.15	3.39	2.19	1.33	0.70	0.51	0.29	0.11
	W	46.50	29.20	21.80	17.80	11.50	7.00	3.70	2.70	1.50	0.60
DM6-2.8	A	10.95	6.95	5.05	4.23	2.80	1.62	0.86	0.67	0.30	0.13
	W	57.50	36.50	26.50	22.20	14.70	8.50	4.50	3.50	1.60	0.70
DM6-3.2	A	12.86	8.09	5.76	4.95	3.23	1.71	1.14	0.73	0.53	0.30
	W	67.50	42.50	30.20	26.00	17.00	9.00	6.75	4.91	3.15	1.85
DM6-3.3	A	12.86	8.09	5.76	4.95	3.23	1.71	1.28	0.88	0.59	0.32
	W	67.50	42.50	30.20	26.00	17.00	9.00	6.75	4.70	3.10	1.70
DMS6-4	A	13.90	9.19	6.81	5.61	3.95	2.19	1.29	0.63	0.55	0.29
	W	73.00	48.25	35.25	29.50	20.75	11.50	6.80	3.30	2.90	1.50
DMC6-4.5	A	17.57	10.80	8.14	5.52	4.67	2.90	1.62	1.09	0.83	0.38
	W	92.25	56.75	42.75	29.00	24.50	15.25	8.50	5.70	4.40	2.00
DMH6-5	A	22.67	13.95	10.33	8.62	5.76	3.38	1.73	1.10	0.80	0.46
	W	119.00	73.25	54.00	42.00	30.00	17.50	10.23	7.44	4.89	2.40
DM6-5S	A	17.57	10.80	8.14	5.52	4.67	2.90	1.62	1.09	0.83	0.38
	W	92.25	56.75	42.75	29.00	24.50	15.25	8.50	5.70	4.40	2.00
DM6-6	A	24.09	15.42	11.42	9.60	6.43	3.69	1.95	1.42	0.93	0.54
	W	126.50	81.00	60.00	50.00	33.80	19.40	9.44	6.33	4.87	2.22
DMC6-7	A	23.80	14.76	11.57	9.61	6.09	3.86	2.43	1.54	1.12	0.63
	W	125.00	77.50	60.50	50.50	32.00	20.25	14.30	10.30	6.95	4.00
DM6-7.2	A	30.00	18.81	14.00	11.76	8.14	5.00	2.70	1.58	1.15	0.63
	W	157.50	98.50	73.50	61.50	42.75	26.25	14.20	10.70	7.10	4.15
DMC6-8	A	33.81	20.95	15.67	12.94	8.90	5.38	2.77	2.26	1.28	0.72
	W	177.50	110.00	82.00	67.50	46.50	28.25	16.37	11.90	1.48	4.56
DMH6-9	A	37.14	23.30	17.14	14.33	9.67	5.86	2.95	2.59	1.60	0.91
	W	195.00	121.00	90.00	75.25	50.50	30.50	18.40	13.40	8.40	4.80
DM6-10	A	40.57	26.19	19.57	16.23	11.09	6.71	3.90	2.67	1.77	0.97
	W	213.00	137.00	102.50	85.20	58.20	35.20	20.50	14.00	9.30	5.10
DMC6-12	A	48.38	31.23	23.57	19.67	13.43	8.33	4.67	3.25	2.24	1.30
	W	254.00	164.00	123.50	103.20	70.50	43.50	24.55	17.86	11.74	6.84
DM6-12.2	A	49.04	31.43	23.42	19.71	13.32	8.01	4.38	3.03	1.62	0.80
	W	257.50	165.00	123.00	103.50	70.00	42.00	23.00	16.00	8.50	4.20
DMH6-14	A	54.76	34.28	25.52	21.47	14.67	9.28	5.45	3.96	2.60	1.52
	W	287.50	180.00	134.20	112.70	77.20	48.50	28.64	20.83	13.69	7.98
DM12-0.8C	A	3.43	2.29	1.71	1.33	0.91	0.54	0.32	0.23	0.14	0.09
	W	36.00	24.00	18.00	14.00	9.60	5.40	3.40	2.40	1.50	0.80
DM12-1.1	A	3.75	2.36	1.62	1.54	1.04	0.55	0.29	0.25	0.14	0.09
	W	39.40	24.80	17.00	16.20	10.80	5.80	3.00	2.60	1.50	0.90
DM12-1.3	A	4.76	2.99	2.19	1.92	1.20	0.72	0.32	0.23	0.11	0.07
	W	50.00	31.40	23.00	20.20	12.60	7.60	3.40	2.40	1.20	1.25
DM12-1.8	A	6.95	4.14	3.19	2.52	1.67	1.09	0.61	0.39	0.23	0.11
	W	73.00	43.50	33.50	26.50	17.50	11.50	6.40	4.10	2.50	1.20
DM12-2.2	A	8.67	5.24	4.09	3.19	2.24	1.29	0.86	0.62	0.40	0.22
	W	91.00	55.00	43.00	33.50	23.50	13.50	9.00	6.55	4.30	2.30
DMH12-2.8	A	10.95	6.95	5.05	4.23	2.80	1.62	0.86	0.67	0.43	0.25
	W	115.00	73.00	53.00	44.40	29.40	17.00	9.00	7.00	4.50	2.60
DMS12-3	A	10.95	6.95	5.05	4.23	2.80	1.62	0.86	0.67	0.43	0.25
	W	115.00	73.00	53.00	44.40	29.40	17.00	9.00	7.00	4.50	2.60
DM12-3.3	A	12.86	8.09	5.76	4.95	3.23	1.71	1.29	0.93	0.57	0.31
	W	135.00	85.00	60.50	52.00	34.00	18.00	13.50	9.82	6.00	3.30
DMH12-3.5	A	13.71	8.48	6.48	5.33	3.81	1.90	1.21	1.00	0.64	0.36
	W	144.00	89.00	68.00	56.00	40.00	20.00	14.32	10.50	6.70	3.80
DMS12-4	A	13.90	9.19	6.81	5.61	3.95	2.19	1.29	0.63	0.55	0.29
	W	146.00	96.50	71.50	59.00	41.50	23.00	13.60	6.60	5.80	3.00
DMC12-4.5	A	17.57	10.80	8.14	6.71	4.81	2.90	1.75	1.28	0.84	0.49
	W	184.50	113.50	85.50	70.50	50.50	30.50	18.41	13.39	8.80	5.13
DMH12-5	A	22.67	13.95	10.33	8.62	5.76	3.38	1.95	1.41	0.92	0.50
	W	238.00	146.50	108.50	90.50	60.50	35.50	20.46	14.90	9.70	5.30
DMS12-6	A	24.09	15.42	11.42	9.60	6.62	3.69	1.95	1.42	0.93	0.54
	W	253.00	162.00	120.00	100.00	67.60	38.80	21.00	15.50	9.50	5.60
DMC12-7	A	23.80	14.76	11.57	9.67	6.42	3.86	2.72	2.00	1.12	0.73
	W	250.00	155.50	121.50	101.50	67.50	40.50	28.60	21.00	13.69	7.70
DM12-7.2	A	30.00	18.81	14.04	11.76	8.14	5.00	2.49	2.04	1.33	0.74
	W	315.00	197.50	147.50	123.50	85.50	52.50	29.50	21.43	14.00	7.80
DML12-7.5	A	30.52	18.90	13.95	11.71	8.28	5.00	2.76	1.90	1.30	0.73
	W	320.50	198.50	146.50	123.00	87.00	52.50	29.00	20.00	13.70	7.70



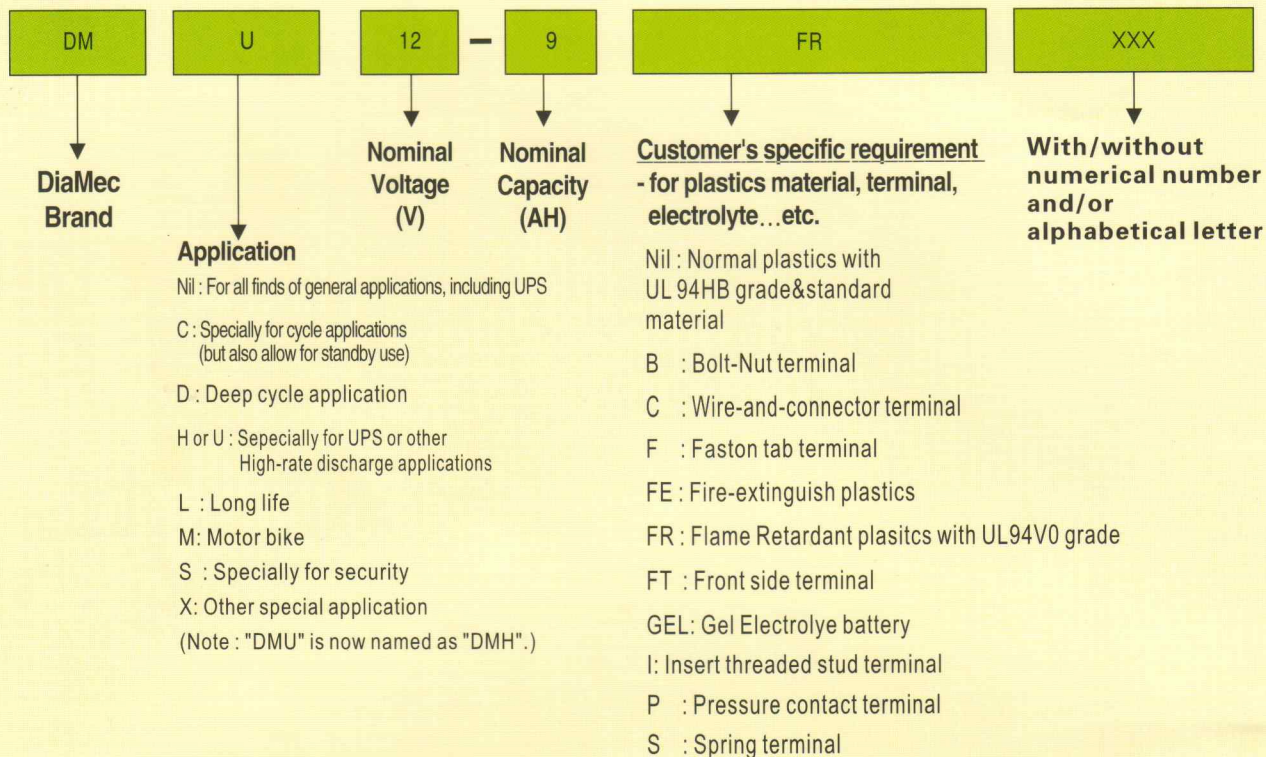
**Table of Constant Current & Constant Power Discharge to 1.75VPC at 25°C(77°F)**

Type	Time(min)	5	10	15	20	30	60	120	180	300	600
		DMC12-8	A	33.81	20.95	15.67	12.94	8.90	5.38	3.06	22.50
	W	355.00	220.00	164.50	135.50	93.50	56.50	32.10	23.70	15.50	8.50
DMH12-9	A	37.50	23.30	17.14	14.33	9.67	5.86	3.50	2.55	1.67	0.93
	W	394.00	245.50	180.50	150.50	101.50	61.50	36.80	26.80	17.60	9.80
DMH12-10	A	40.57	26.19	19.57	16.23	11.09	6.71	3.90	2.83	1.86	1.04
	W	426.00	275.50	205.50	170.50	116.50	70.50	41.00	29.76	19.56	10.90
DM12-10.5	A	40.57	26.19	19.57	16.23	11.09	6.71	3.90	2.83	1.86	1.04
	W	426.00	275.50	205.50	170.50	116.50	70.50	41.00	29.76	19.56	10.90
DM12-12	A	48.57	31.62	23.57	19.67	13.43	8.33	4.67	3.40	2.23	1.28
	W	510.00	332.00	247.50	206.50	141.50	87.50	49.10	35.71	23.47	13.40
DMC12-12	A	48.57	31.62	23.57	19.67	13.43	8.33	4.67	3.40	2.23	1.28
	W	510.00	332.00	247.50	206.50	141.50	87.50	49.10	35.71	23.47	13.40
DMH12-14	A	54.76	34.28	25.52	21.47	14.67	9.28	5.45	3.96	2.24	1.52
	W	575.00	360.00	268.50	225.50	154.50	97.50	57.50	41.66	27.30	16.00
DMH12-15	A	54.95	34.76	26.19	22.09	15.07	9.43	5.85	4.25	2.79	1.47
	W	575.00	365.00	275.00	232.00	158.00	99.00	61.38	44.64	29.34	15.40
DM12-15	A	54.95	34.76	26.19	22.09	15.07	9.43	5.85	4.25	2.79	1.47
	W	575.00	365.00	275.00	232.00	158.00	99.00	61.38	44.64	29.34	15.40
DM12-18	A	73.62	47.52	35.52	29.71	20.48	12.38	7.01	5.10	3.35	1.81
	W	773.00	499.00	373.00	312.00	215.00	130.00	73.66	53.57	35.21	19.00
DMH12-20	A	81.71	53.33	39.53	33.23	23.33	14.19	7.80	5.66	3.72	2.07
	W	858.00	560.00	415.00	349.00	245.00	148.00	82.00	59.52	39.12	21.80
DMH12-26	A	94.38	63.43	54.76	43.90	27.14	17.52	10.13	6.86	4.84	2.76
	W	991.00	666.00	575.00	461.00	285.00	184.00	106.39	72.00	50.86	29.00
DMH12-35	A	119.52	80.76	56.00	39.14	35.62	22.85	13.05	9.61	6.14	3.33
	W	1255.00	848.00	588.00	411.00	374.00	240.00	137.00	101.00	64.50	35.00
DMH12-40	A	145.42	97.80	68.09	52.86	43.52	27.62	15.62	10.48	7.45	3.90
	W	1527.00	1027.00	714.00	554.00	457.00	289.00	164.00	110.00	78.24	41.00
DMH12-65	A	236.85	159.80	110.86	86.09	70.95	44.09	25.52	17.71	12.38	6.71
	W	2487.00	1678.00	1164.00	904.00	745.00	463.00	268.00	186.00	130.00	70.50
DMH12-80	A	291.40	196.95	136.19	106.09	87.43	55.43	32.38	22.19	14.85	8.19
	W	3060.00	2068.00	1430.00	1114.00	918.00	582.00	340.00	233.00	156.00	86.00
DMH12-90	A	310.00	211.04	145.14	112.76	92.95	61.05	35.71	25.05	16.38	9.52
	W	3255.00	2216.00	1524.00	1184.00	976.00	641.00	375.00	263.00	172.00	100.00
DMH12-100	A	364.86	246.95	170.85	132.76	109.43	68.95	39.52	28.09	19.52	11.05
	W	3831.00	2584.00	1794.00	1394.00	1149.00	724.00	415.00	295.00	205.00	116.00
DMH12-120	A	438.09	295.62	205.05	159.43	131.43	83.43	48.57	33.52	21.43	13.33
	W	4600.00	3104.00	2153.00	1674.00	1380.00	876.00	510.00	352.00	225.00	140.00
DMH12-150	A	547.71	369.62	256.57	199.43	164.48	103.44	61.43	43.33	29.05	16.19
	W	5751.00	3881.00	2694.00	2094.00	1727.00	1086.00	645.00	455.00	305.00	170.00
DMH12-200	A	730.56	493.05	342.00	265.81	219.42	137.90	82.66	56.00	39.23	22.09
	W	7671.00	5175.00	3591.00	2791.00	2304.00	1448.00	868.00	588.00	412.00	232.00
DMH12-100FT	A	364.86	246.95	170.85	132.76	109.43	68.95	39.52	28.09	19.52	11.05
	W	3831.00	2584.00	1794.00	1394.00	1149.00	724.00	415.00	295.00	205.00	116.00
DMH12-150FT	A	547.71	369.62	256.57	199.43	164.48	103.44	61.43	43.33	29.05	16.19
	W	5751.00	3881.00	2694.00	2094.00	1727.00	1086.00	645.00	455.00	305.00	170.00
DML2-120	A	426.85	286.28	197.14	151.00	124.70	77.71	46.76	33.42	20.00	12.00
	W	747.00	501.00	345.00	265.00	218.23	136.00	81.84	58.50	35.00	21.00
DML2-200	A	668.57	474.28	328.57	258.00	211.42	134.85	77.94	54.28	37.25	19.43
	W	1170.00	830.00	575.00	452.00	370.00	236.00	136.40	95.00	65.20	34.00
DML2-300	A	1050.00	722.80	500.00	385.70	318.85	202.85	116.91	85.00	55.88	30.00
	W	1870.00	1265.00	875.00	675.00	558.00	355.00	204.60	148.80	97.80	53.00
DML2-500	A	1282.14	925.71	735.00	617.14	490.71	325.00	172.86	117.50	81.50	47.50
	W	2344.29	1775.71	1410.71	1188.57	909.29	575.50	341.00	248.00	163.00	95.00
DML2-800	A	2151.43	1481.14	1176.00	987.43	785.14	474.00	276.57	106.00	130.10	81.00
	W	3750.86	2841.14	2257.14	1901.71	1454.86	920.80	545.60	396.80	260.80	148.00
DML2-1000	A	2564.29	1851.43	1470.00	1234.29	981.43	595.00	345.71	258.00	180.00	100.00
	W	4688.57	3551.43	2821.43	2377.14	1818.57	1151.00	682.00	496.00	326.00	186.00
DML2-1500	A	3846.43	2777.14	2205.00	1851.43	1472.14	885.00	518.57	380.00	251.00	150.00
	W	7032.86	5327.14	4232.14	3565.71	2727.86	1726.50	1023.00	744.00	489.00	285.00
DML2-2000	A	5128.57	3702.86	2940.00	2468.57	1962.86	1195.00	691.43	483.00	345.00	200.00
	W	9377.14	7102.86	5642.86	4754.29	3637.14	2302.00	1364.00	992.00	652.00	380.00
DML2-3000	A	7692.86	5554.29	4410.00	3702.86	2944.29	1950.00	1037.14	770.00	540.00	300.00
	W	14065.71	10654.29	8464.29	7131.43	5455.71	3453.00	2046.00	1488.00	978.00	570.00

★ If you need the date of constant Current&Constant Power Discharge to 1.8VPC, Please kindly contact us.



## DESIGNATION of DiaMec Model No.



### Examples :-

DMS 12-6.5	Stands for :	DIAMEC brand 12V6.5AH - specially for security applications.
DM 12-7	Stands for :	DIAMEC brand 12V7AH - for general applications, including UPS.
DM 12-7.2 FR	Stands for :	DIAMEC brand 12V7.2AH - for general applications, made with flame retardant plastics with UL 94V0 grade.
DML 12-7.5	Stands for :	DIAMEC brand 12V7.5AH - Long life battery for all applications.
DMC 12-8	Stands for :	DIAMEC brand 12V8AH - specially for cycle applications, but also allow for other applications, like UPS.
DMH 12-9	Stands for :	DIAMEC brand 12V9AH - specially for UPS or other high rate discharge applications
DMM12-12B	Stands for :	DIAMEC brand 12V12AH - specially for Motor Bike application with Bolt-Nut Terminal.

(Note : The same battery DMU 12-9 is now named as DMH 12-9.)



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