

GNB Flooded
Classic®



SPECIFICATIONS

General Purpose Flooded Batteries

MCX — LEAD CALCIUM

**GENERAL PURPOSE
TYPE MCX - LEAD CALCIUM**

**CAPACITIES — 175 A.H. TO 605 A.H.
8 HOUR RATE TO 1.75 V.P.C. @ 77°F (25°C)**

20 YEAR LIFE EXPECTANCY

SPECIFICATIONS

- Jar** — Styrene-Acrylonitrile (SAN) Plastic
- Cover** — Acrylonitrile Butadiene Styrene (ABS) Plastic
- Separators** — Microporous Material
- Retainers** — Fiberglass Mat
- Posts** — Two (per cell) 1.00" (25.4mm) Square
- Post Seals** — Floating "O" Ring - Seal Nut
- Vents** — GNB "Pre-Vent" Flame Arrester
- Level Lines** — High and Low - All Jar Faces
- Electrolyte** — Height above plates - 2.50" (63.5 mm)
- Electrolyte Withdrawal Tubes** — 2 Per Cell
- Sediment Space** — .95" (24.1 mm)
- Specific Gravity** — 1.215 @ 77°F (25°C)
- Inter-Cell Connectors** — Lead Plated Copper
- Hardware** — Type 316 Stainless Steel



Plate Dimensions	Height	Width	Thickness
Positive Plate	11.56 in 293.6 mm	9.19 in 233.4 mm	.325 in 8.26 mm
Negative Plate	11.56 in 293.6 mm	9.19 in 233.4 mm	.220 in 5.59 mm

Cell Type	Amp-Hour Capacity ¹	Overall Dimensions			Approximate Weight		Electrolyte Per Cell
		Length	Width	Height	Net	Packed	
2-MCX-5*	176	6.25 in 159 mm	11.13 in 283 mm	18.25 in 464 mm	105 lbs 48 kg	111 lbs 50 kg	1.3 gal 4.9 liter
2-MCX-7*	256	6.25 in 159 mm	↓	↓	125 lbs 57 kg	131 lbs 59 kg	1.2 gal 4.5 liter
MCX-9	344	4.13 in 105 mm			80 lbs 36 kg	84 lbs 38 kg	1.6 gal 6.0 liter
MCX-11	432	5.13 in 130 mm			97 lbs 44 kg	102 lbs 46 kg	1.9 gal 7.2 liter
MCX-13	520	6.50 in 165 mm			118 lbs 54 kg	124 lbs 56 kg	3.0 gal 11.4 liter
MCX-15	608	6.50 in 165 mm			129 lbs 59 kg	135 lbs 61 kg	2.7 gal 10.2 liter

*2 Cells per unit

¹8 hour rate to 1.75 VPC @ 77°F (25°C)

**AMP DATA @ 77°F (25°C)
MCX CELLS**

CELL TYPE	HOURS							MINUTES		
	8	5	4	3	2	1.5	1	30	15	1
End Voltage — 1.75										
2-MCX-5	22	30	36	44	57	68	85	117	157	234
2-MCX-7	32	46	54	66	86	102	128	176	231	339
MCX-9	43	61	72	88	114	136	170	234	304	448
MCX-11	54	76	90	110	143	170	213	293	380	550
MCX-13	65	91	108	132	171	204	255	351	457	654
MCX-15	76	106	126	154	200	238	298	410	535	756
End Voltage — 1.78										
2-MCX-5	21	29	35	42	54	65	80	109	148	204
2-MCX-7	32	45	52	63	81	98	120	164	217	295
MCX-9	42	60	70	84	108	130	160	218	287	389
MCX-11	53	75	87	105	135	163	200	273	355	479
MCX-13	63	90	104	126	162	196	240	327	425	569
MCX-15	74	105	122	147	189	228	280	382	494	657
End Voltage — 1.81										
2-MCX-5	20	28	34	41	53	62	76	102	140	173
2-MCX-7	30	43	50	62	79	94	114	153	203	250
MCX-9	40	57	67	82	105	125	152	204	269	331
MCX-11	51	71	84	103	132	156	191	255	330	407
MCX-13	61	85	101	123	158	187	229	306	392	483
MCX-15	71	99	118	144	184	218	267	357	453	559



**AMP DATA @ 77°F (25°C)
MCX CELLS**

CELL TYPE	HOURS							
	8	5	4	3	2	1.5	1	0.5
End Voltage — 1.84								
2-MCX-5	19	28	32	39	49	58	71	92
2-MCX-7	29	41	48	58	74	87	107	138
MCX-9	38	55	64	77	98	116	142	184
MCX-11	48	69	80	97	123	145	178	230
MCX-13	57	83	96	116	147	174	213	276
MCX-15	67	97	112	135	172	203	249	322
End Voltage — 1.88								
2-MCX-5	18	25	29	35	44	51	61	76
2-MCX-7	27	38	44	53	66	77	92	114
MCX-9	36	50	58	70	88	103	122	152
MCX-11	45	63	73	88	110	129	153	190
MCX-13	54	75	87	105	132	154	183	228
MCX-15	63	88	102	123	154	180	214	266
End Voltage — 1.90								
2-MCX-5	17	24	27	32	40	46	54	66
2-MCX-7	26	35	41	48	60	69	81	99
MCX-9	34	47	54	64	80	92	108	132
MCX-11	43	59	68	80	100	115	135	165
MCX-13	51	71	81	96	120	138	162	198
MCX-15	60	83	95	112	140	161	189	231
End Voltage — 1.92								
2-MCX-5	16	22	24	28	36	41	48	58
2-MCX-7	24	32	37	43	54	62	72	86
MCX-9	32	43	49	57	72	82	96	115
MCX-11	40	54	61	71	90	103	120	144
MCX-13	48	65	73	85	108	123	144	173
MCX-15	56	76	85	99	126	144	168	202

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Based on over 100 years of technological innovation the Network Power group leads the industry with the most recognized global brands such as ABSOLYTE®, GNB® FLOODED CLASSIC®, MARATHON®, RELAY GEL®, SONNENSCHN® and SPRINTER®. They have come to symbolize quality, reliability, performance and excellence in all the markets served.

GNB Industrial Power takes pride in its commitment to a better environment. Its Total Battery Management program, an integrated approach to manufacturing, distributing and recycling of lead acid batteries, has been developed to ensure a safe and responsible life cycle for all of its products.

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