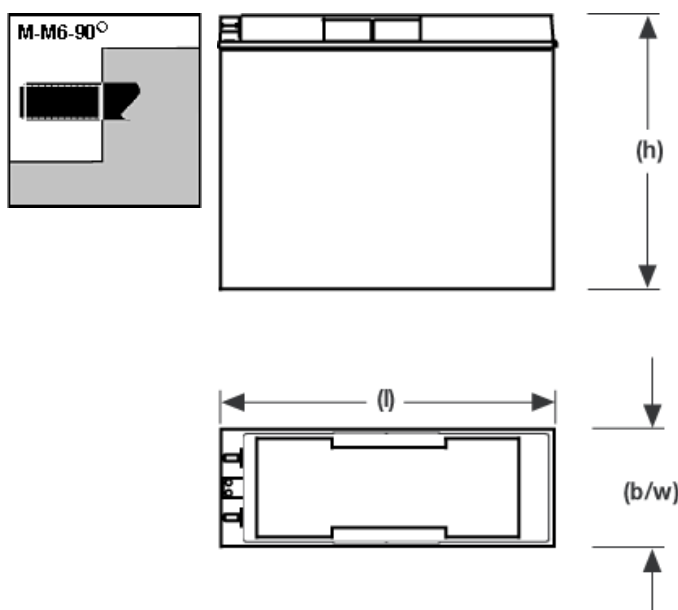


# Marathon – M12V50FT data sheet



Terminal: Drawing:



## Specifications:

Part numbers not valid for North America, use type for ordering!

Discharge figures are also valid for **UL 94 V0** version. Change "H" to "V" in the part number.

*Example*

Standard                      NAMF120050 **H** MOMA  
 UL 94 V0                      NAMF120050 **V** MOMA

[Switch to: Discharge at 25 °C/inches/lb](#)

Exide type designation	Nom. Voltage V	Nom. capacity C <sub>10</sub> 1.80 Vpc 20° C Ah	Nom. capacity C <sub>8</sub> 1.75 Vpc 25° C Ah	Nom. capacity C <sub>1</sub> 1.60 Vpc 20° C Ah	Length (l) max. mm	Width (b/w) max. mm	Height (h1) max. mm	Weight approx. kg	Internal resistance mOhm	Terminal
M12V50FT	12	47.0	48.0	35.2	280	107	231	18.0		9 M-M6-90

## Constant-current discharge in A @ 20 °C

Part number	Vpc	15 min	30 min	1 h	1,5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h	24 h
NAMF120050HMOMA	1.94	67.3	43.6	26.1	18.7	14.8	10.5	8.21	6.72	5.71	4.41	3.61	1.90	1.64
NAMF120050HMOMA	1.92	73.0	46.8	28.0	20.1	15.9	11.2	8.67	7.10	6.03	4.66	3.82	2.10	1.75
NAMF120050HMOMA	1.90	79.2	50.1	29.6	21.3	16.9	11.9	9.19	7.52	6.38	4.92	4.02	2.20	1.83
NAMF120050HMOMA	1.87	85.6	53.8	31.1	22.3	17.6	12.5	9.69	7.93	6.73	5.20	4.26	2.30	1.94
NAMF120050HMOMA	1.85	90.2	56.3	32.2	23.1	18.2	12.9	10.0	8.20	6.97	5.38	4.41	2.40	2.01
NAMF120050HMOMA	1.83	93.0	57.9	32.6	23.3	18.4	13.1	10.2	8.38	7.11	5.48	4.48	2.40	2.03
NAMF120050HMOMA	1.80	97.3	60.1	33.5	23.8	18.7	13.2	10.4	8.64	7.36	5.66	4.68	2.40	2.05
NAMF120050HMOMA	1.78	98.2	60.6	33.8	24.0	18.8	13.3	10.5	8.70	7.40	5.70	4.68	2.40	2.06
NAMF120050HMOMA	1.75	99.3	61.0	34.2	24.3	19.0	13.5	10.6	8.82	7.50	5.77	4.69	2.50	2.08
NAMF120050HMOMA	1.73	100	61.3	34.3	24.4	19.1	13.6	10.6	8.90	7.55	5.79	4.71	2.50	2.08
NAMF120050HMOMA	1.70	101	61.5	34.5	24.5	19.2	13.6	10.7	8.94	7.60	5.84	4.74	2.50	2.09
NAMF120050HMOMA	1.67	102	61.7	34.7	24.6	19.3	13.7	10.8	9.00	7.68	5.89	4.77	2.50	2.10
NAMF120050HMOMA	1.65	103	62.0	34.9	24.7	19.3	13.8	10.9	9.08	7.73	5.92	4.80	2.50	2.11

## Constant-power discharge in W/block @ 20 °C

Part number	Vpc	15 min	30 min	1 h	1,5 h	2 h	3 h	4 h	5 h	8 h	10 h	24 h
NAMF120050HM0MA	1.94	731	492	311	232	184	129	100	82.5	54.6	44.9	20.8
NAMF120050HM0MA	1.92	798	525	331	245	196	137	106	87.4	57.7	47.4	21.9
NAMF120050HM0MA	1.90	868	561	351	259	208	145	112	92.3	60.8	49.9	22.9
NAMF120050HM0MA	1.87	939	596	371	270	214	152	118	96.7	63.5	52.0	23.7
NAMF120050HM0MA	1.85	988	620	387	276	217	155	122	101	66.0	53.6	23.8
NAMF120050HM0MA	1.83	1014	633	396	281	221	157	123	102	67.2	54.5	23.8
NAMF120050HM0MA	1.80	1055	653	407	289	227	161	126	104	68.8	55.5	23.9
NAMF120050HM0MA	1.78	1059	658	409	290	228	162	127	105	69.1	55.7	24.0
NAMF120050HM0MA	1.75	1088	668	412	293	229	163	128	106	69.6	56.1	24.0
NAMF120050HM0MA	1.73	1094	671	413	293	230	163	128	106	69.8	56.2	24.0
NAMF120050HM0MA	1.70	1104	674	414	294	231	164	128	106	70.1	56.4	24.1
NAMF120050HM0MA	1.67	1113	678	416	295	232	165	129	107	70.5	56.7	24.1
NAMF120050HM0MA	1.65	1120	680	416	296	232	165	129	107	70.7	56.8	24.1