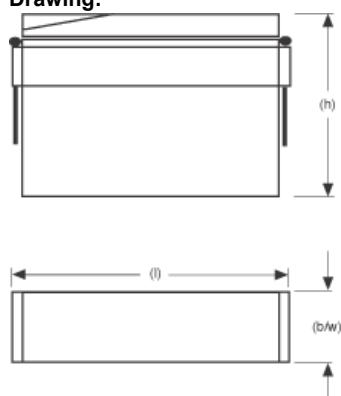


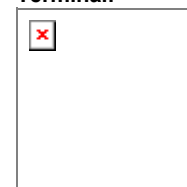
Marathon M12V90FT data sheet



Drawing:



Terminal:



Specifications:

Exide type designation	Part number	Nom. Voltage V	Nominal capacity	Nominal capacity	Nominal capacity	Length l max. mm	Width b/w max. mm	Height h1 max. mm	Weight approx. kg	Internal resistance mOhm	Terminal	Terminal alignment
			C ₁₀ 1.80 Vpc 20°C Ah	C ₈ 1.75 Vpc 25°C Ah	C ₁ 1.60 Vpc 20°C Ah							
M12V90FT	NAMF120090HM0FA	12	86	86	65.3	395.0	105.0	270.0	31.00	5.9	F-M6-90°	

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

Constant-current discharge in A (@ 20 °C):

Part number	Exide type designation	VpC	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
NAMF120090HM0FA	M12V90FT	1.94	106.8	76.0	47.1	26.8	19.5	15.5	12.7	8.4	6.9	3.7
NAMF120090HM0FA	M12V90FT	1.92	120.0	81.2	50.5	28.6	20.5	16.2	13.5	8.9	7.3	3.9
NAMF120090HM0FA	M12V90FT	1.90	130.0	86.7	54.0	30.3	21.7	17.2	14.2	9.3	7.7	4.1
NAMF120090HM0FA	M12V90FT	1.87	142.0	93.2	57.4	32.1	23.2	18.0	14.8	9.8	8.0	4.4
NAMF120090HM0FA	M12V90FT	1.85	152.0	97.9	59.5	33.2	23.6	18.4	15.1	10.1	8.3	4.5
NAMF120090HM0FA	M12V90FT	1.83	159.1	100.8	61.0	34.0	24.0	18.7	15.4	10.2	8.4	4.6
NAMF120090HM0FA	M12V90FT	1.80	170.0	105.2	63.0	35.0	24.6	19.1	15.7	10.4	8.6	4.7
NAMF120090HM0FA	M12V90FT	1.78	174.0	106.8	63.6	35.2	24.7	19.2	15.8	10.5	8.6	4.7
NAMF120090HM0FA	M12V90FT	1.75	178.0	108.0	64.0	35.5	24.9	19.4	15.9	10.6	8.7	4.7
NAMF120090HM0FA	M12V90FT	1.73	184.0	109.2	64.4	35.6	25.0	19.4	16.0	10.6	8.7	4.7
NAMF120090HM0FA	M12V90FT	1.70	187.9	110.4	64.7	35.8	25.1	19.5	16.0	10.6	8.7	4.8
NAMF120090HM0FA	M12V90FT	1.67	191.1	111.5	64.9	35.9	25.2	19.6	16.1	10.7	8.8	4.8
NAMF120090HM0FA	M12V90FT	1.65	193.4	112.3	65.1	36.0	25.2	19.6	16.1	10.7	8.8	4.8

Constant-power discharge in W/block (@ 20 °C):

Part number	Exide type designation	VpC	15min	30min	1h	2h	3h	4h	5h	8h	10h
NAMF120090HM0FA	M12V90FT	1.94	1184	889.4	562.1	324.3	235.1	187.1	156.7	103.6	84.5
NAMF120090HM0FA	M12V90FT	1.92	1429	944.6	596.1	342.0	247.1	196.2	164.0	109.2	89.0
NAMF120090HM0FA	M12V90FT	1.90	1546	1002	630.2	359.7	259.1	205.3	171.4	114.8	93.4
NAMF120090HM0FA	M12V90FT	1.87	1665	1061	665.7	377.7	271.1	214.3	178.5	120.0	97.6
NAMF120090HM0FA	M12V90FT	1.85	1727	1098	689.6	389.8	279.2	220.3	183.3	123.4	100.4
NAMF120090HM0FA	M12V90FT	1.83	1794	1125	700.7	395.3	282.8	223.0	185.4	124.9	101.6
NAMF120090HM0FA	M12V90FT	1.80	1900	1167	717.5	403.5	288.2	227.0	188.6	127.0	103.4
NAMF120090HM0FA	M12V90FT	1.78	1940	1183	722.0	404.4	290.1	228.4	189.8	128.0	104.1
NAMF120090HM0FA	M12V90FT	1.75	1980	1200	728.7	405.0	290.7	229.8	190.8	129.5	105.3
NAMF120090HM0FA	M12V90FT	1.73	2016	1212	732.0	405.6	291.3	230.4	191.4	129.6	105.4
NAMF120090HM0FA	M12V90FT	1.70	2038	1220	735.0	406.3	292.1	231.0	192.0	129.8	105.6
NAMF120090HM0FA	M12V90FT	1.67	2061	1228	737.4	407.5	292.7	231.4	192.6	130.0	105.7
NAMF120090HM0FA	M12V90FT	1.65	2073	1235	739.8	408.3	293.1	231.7	193.1	130.1	105.8

