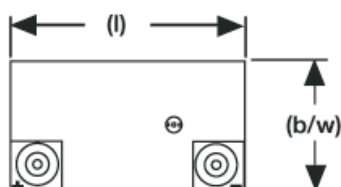
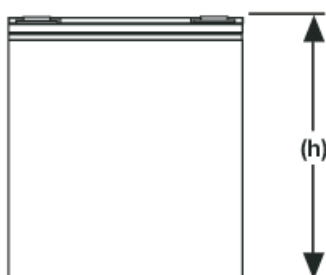
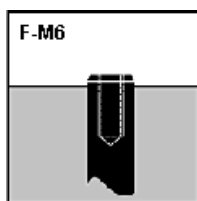


# Marathon – M12V45F data sheet



Terminal: Drawing:



## Specifications:

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

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	Length (l) max. mm	Width (b/w) max. mm	Height (h1) max. mm	Height over terminals (h2) max. mm	Weight approx. kg	Internal resistance mOhm	Short circuit current A	Terminal
M12V45F	12	45.6	46.0	220	121	243	254	17.5	5.4	2162	F-M6

## Constant-current discharge in A @ 25 °C

Part number	Vpc	30 min	1 h	1,5 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	12 h	24 h
NAMT120045VM0FA	1.94	37.5	23.3	17.3	14.0	10.4	8.05	6.60	5.63	4.95	4.36	3.98	3.59	3.01	1.65
NAMT120045VM0FA	1.92	40.5	24.9	18.4	14.9	11.0	8.54	6.99	5.92	5.24	4.66	4.17	3.78	3.20	1.74
NAMT120045VM0FA	1.90	43.6	26.6	19.7	15.8	11.6	9.03	7.37	6.31	5.53	4.85	4.36	3.98	3.39	1.84
NAMT120045VM0FA	1.87	47.1	28.1	20.7	16.6	12.0	9.41	7.76	6.69	5.82	5.14	4.66	4.17	3.59	1.94
NAMT120045VM0FA	1.85	49.5	29.2	21.4	17.1	12.4	9.71	8.05	6.89	6.02	5.34	4.75	4.36	3.68	1.94
NAMT120045VM0FA	1.83	50.9	29.8	21.8	17.4	12.6	9.90	8.15	7.08	6.11	5.43	4.85	4.36	3.68	1.94
NAMT120045VM0FA	1.81	52.1	30.4	22.1	17.7	12.8	10.0	8.25	7.08	6.21	5.43	4.95	4.46	3.78	2.03
NAMT120045VM0FA	1.80	53.3	30.9	22.4	17.8	12.9	10.0	8.35	7.18	6.21	5.53	4.95	4.56	3.78	2.03
NAMT120045VM0FA	1.78	54.2	31.3	22.6	17.9	13.1	10.1	8.44	7.28	6.31	5.53	5.04	4.56	3.88	2.03
NAMT120045VM0FA	1.75	55.0	31.6	22.8	18.1	13.1	10.2	8.44	7.28	6.31	5.63	5.04	4.56	3.88	2.03

## Constant-power discharge in W/cell @ 25 °C

Part number	Vpc	30 min	1 h	1,5 h	2 h	3 h	4 h	6 h	8 h	9 h	10 h	12 h	24 h
NAMT120045VM0FA	1.94	75.7	47.5	34.0	26.9	19.7	15.6	11.2	8.64	7.76	7.08	6.02	3.20
NAMT120045VM0FA	1.92	80.3	50.4	36.0	28.4	20.7	16.4	11.7	9.12	8.25	7.47	6.31	3.39
NAMT120045VM0FA	1.90	85.0	53.4	38.1	30.0	21.9	17.2	12.3	9.71	8.73	7.86	6.69	3.59
NAMT120045VM0FA	1.87	90.2	56.1	40.1	31.7	23.1	18.2	13.1	10.0	9.12	8.25	6.99	3.78
NAMT120045VM0FA	1.85	93.9	57.9	41.6	32.8	23.8	18.8	13.5	10.4	9.41	8.54	7.18	3.88
NAMT120045VM0FA	1.83	96.4	59.3	42.3	33.4	24.2	19.1	13.7	10.5	9.51	8.64	7.37	3.88
NAMT120045VM0FA	1.80	100	60.9	43.5	34.2	24.9	19.6	13.9	10.7	9.71	8.83	7.47	3.98
NAMT120045VM0FA	1.78	101	61.4	43.9	34.6	25.1	19.7	14.0	10.8	9.71	8.83	7.47	3.98
NAMT120045VM0FA	1.75	102	61.8	44.2	34.9	25.3	19.8	14.0	10.8	9.80	8.93	7.57	4.07

