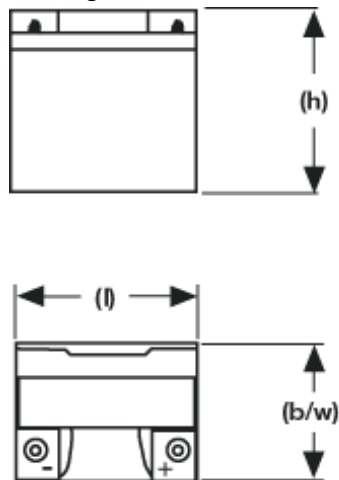


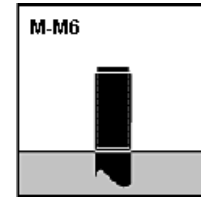
Marathon L12V24 data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Type	Part number	Nom. Voltage	C20 1,80 VpC 20°C Ah	C10 1,80 VpC 20°C Ah	C1 1,60 VpC 20°C Ah	Length mm	Width mm	Height mm	Weight Kg.	Internal resistance acc. IEC896/2 mOhm	Terminal
L12V24	NALL120024HM0MA	12	24.5	23	15.5	168	127	174	10	18.1	M-M6

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

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	2h	3h	5h	8h	10h	20h
NALL120024HM0MA	L12V24	1.95	35.0	34.0	29.0	25.0	22.0	17.3	13.1	10.7	6.3	4.6	3.1	2.1	1.8	1.0
NALL120024HM0MA	L12V24	1.95	35.0	34.0	29.0	25.0	22.0	17.3	13.1	10.7	6.3	4.6	3.1	2.1	1.8	1.0
NALL120024HM0MA	L12V24	1.90	56.0	50.0	39.0	31.0	26.0	20.1	15.4	12.6	7.7	5.8	3.7	2.4	2.1	1.1
NALL120024HM0MA	L12V24	1.85	76.0	64.0	47.0	36.5	30.0	22.7	17.1	14.0	8.3	6.3	4.0	2.6	2.2	1.2
NALL120024HM0MA	L12V24	1.80	92.0	76.0	52.0	40.0	32.5	24.7	18.2	14.9	9.0	6.8	4.2	2.7	2.3	1.2
NALL120024HM0MA	L12V24	1.75	104.0	83.0	56.0	43.0	34.5	25.7	18.8	15.1	9.2	6.9	4.3	2.8	2.4	1.3
NALL120024HM0MA	L12V24	1.70	112.0	89.0	60.0	45.0	36.5	26.5	19.2	15.3	9.3	7.0	4.4	2.9	2.4	1.3
NALL120024HM0MA	L12V24	1.65	119.0	94.0	62.0	46.0	37.5	27.2	19.6	15.5	9.4	7.0	4.4	2.9	2.4	1.3
NALL120024HM0MA	L12V24	1.60	123.0	97.0	64.0	47.0	38.5	27.9	19.9	15.8	9.5	7.0	4.4	2.9	2.4	1.3

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	2h	3h	5h	8h	10h
NALL120024HM0MA	L12V24	1.90	660.0	588.0	448.0	362.0	305.0	240.0	185.0	153.0	92.0	68.0	44.0	29.0	25.0
NALL120024HM0MA	L12V24	1.85	859.0	732.0	529.0	419.0	348.0	267.0	205.0	167.0	100.0	73.0	48.0	31.0	26.0
NALL120024HM0MA	L12V24	1.80	1,013.0	845.0	597.0	459.0	378.0	286.0	216.0	176.0	104.0	78.0	50.0	32.0	27.0
NALL120024HM0MA	L12V24	1.75	1,112.0	915.0	635.0	486.0	400.0	297.0	221.0	178.0	106.0	80.0	51.0	33.0	28.0
NALL120024HM0MA	L12V24	1.70	1,188.0	972.0	664.0	505.0	411.0	305.0	224.0	180.0	107.0	81.0	52.0	34.0	28.0
NALL120024HM0MA	L12V24	1.65	1,239.0	1,007.0	680.0	513.0	419.0	311.0	226.0	181.0	108.0	81.0	52.0	34.0	28.0
NALL120024HM0MA	L12V24	1.60	1,266.0	1,026.0	691.0	520.0	424.0	313.0	227.0	181.0	108.0	81.0	52.0	34.0	28.0