

Marathon L-XL / L2V320 V0

INDUSTRIAL BATTERIES / NETWORK POWER

Designed for durability in telecommunications and electric utility applications, the Marathon L/XL series provides high performance and reliability in medium and long duration discharge applications.

Part Number: **NALL020320VM0FA**

APPLICATIONS



SPECIFICATIONS

- Maintenance-free (no topping up) during the whole service life
- High-Compression Absorbent Glass Mat (AGM) technology
- Design life: »> 12 years– Very Long Life« according to EUROBAT 2015 Classification
- Available as standard or flame retardant version (UL 94-V0)
- Grid plates with superior lead calcium alloy for excellent corrosion resistance
- Very low gassing due to internal gas recombination (99 % efficiency)
- Low self discharge rate, enabling extended storage capability
- Designed in accordance with IEC 60896-21/-22
- Approval: UL (Underwriters Laboratories)
- Trouble-free transportation of operational blocks and cells. no restriction for most rail, road, sea and air transportation (IATA, DGR clause A67)
- Manufactured in Europe in our ISO 9001 certified production plants



Design life
> 12 years
– Very Long
Life



Block battery/
single cell



Grid plate



Recyclable



Valve regulated
lead-acid
batteries



Maintenance
free (no
topping up)



Special high
current
performance

RECYCLE WITH EXIDE.



Exide Technologies takes pride in its commitment to a better environment. 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.



For more information please
[contact your local dealer](#)

TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	2 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 1350W/Bloc CC 10h 1,8V/C 20°C 320Ah
Short circuit current	6862 A (IEC60896-21/22)
Internal resistance	0,32 mΩ (IEC60896-21/22)

Terminal	2 x F M8
Terminal Torque	20 Nm
Container	UL 94-V0 (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	209 x 202 x 265 mm
Weight	24,2 kg
Origin	Castanheira, Portugal

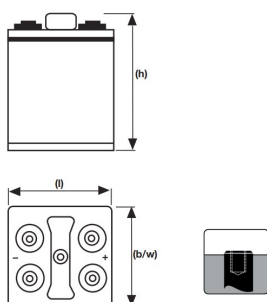
CONSTANT POWER DISCHARGE

W @ 20 °C	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
1,900 V/C	920	855	725	630	555	456	357	296	187	143	96,1	66,2	54,9
1,850 V/C	1160	1070	885	750	655	527	410	340	212	161	107	72,6	60,6
1,800 V/C	1380	1250	1010	860	735	580	440	364	222	168	111	75,2	62,8
1,750 V/C	1595	1430	1135	935	800	625	472	385	230	171	112	76,5	63,4
1,700 V/C	1770	1565	1215	990	840	645	485	393	235	173	114	76,9	63,8
1,650 V/C	1910	1675	1290	1045	880	665	499	402	237	174	114	77,2	64
1,600 V/C	2020	1770	1350	1080	900	678	508	408	238	174	115	77,3	64,1

CONSTANT CURRENT DISCHARGE

A @ 20 °C	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h	20 h
1,950 V/C	358	336	288	256	230	190	153	130	83,7	62	41,9	28,9	23,9	12,8
1,900 V/C	505	465	394	345	306	248	196	162	99	73,8	49,3	33,6	27,8	14,9
1,850 V/C	655	595	490	417	360	288	223	184	112	82,7	54,4	36,8	30,6	16,5
1,800 V/C	790	715	575	485	418	326	247	202	120	87	56,7	38,4	32	17,3
1,750 V/C	945	835	645	527	450	349	263	214	125	88,8	57,6	39	32,4	17,5
1,700 V/C	1105	955	710	562	473	361	271	220	127	90,6	58,4	39,4	32,7	17,6
1,650 V/C	1245	1055	765	595	495	374	277	223	128	91,8	59	39,6	32,9	17,6
1,600 V/C	1400	1160	815	625	508	381	280	225	129	92,5	59,4	39,7	33	17,7

Technical drawing



Float Voltage vs Temperature

