

Marathon L-XL / L2V520 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: **NALL020520VM0FA**

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 2055W/Bloc CC 10h 1,8V/C 20°C 520Ah
Short circuit current	10712 A (IEC60896-21/22)
Internal resistance	0,19 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 270 x 265 mm
Weight	35 kg
Origin	Castanheira, Portugal

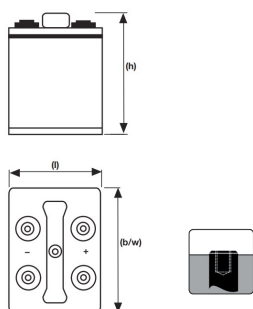
CONSTANT POWER DISCHARGE

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	1300	1225	1070	950	850	706	569	480	309	237	161	110	91
1,850 V/C	1690	1570	1340	1160	1030	840	657	545	339	258	175	120	98,6
1,800 V/C	2045	1875	1565	1330	1170	936	722	594	364	272	182	123	102
1,750 V/C	2370	2155	1760	1490	1290	1016	774	630	376	277	184	124	103
1,700 V/C	2630	2350	1890	1575	1350	1055	797	645	380	280	186	125	104
1,650 V/C	2820	2515	1985	1635	1400	1080	810	654	383	281	187	126	104
1,600 V/C	2945	2625	2055	1685	1430	1098	822	662	385	282	187	126	105

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	490	468	417	374	346	291	238	202	130	97,8	66,6	45,9	38,3	20,4
1,900 V/C	740	685	590	515	459	379	299	250	160	121	80,3	54,7	45,3	24,1
1,850 V/C	955	880	743	640	560	452	350	289	178	134	89	60,2	49,8	26,8
1,800 V/C	1160	1060	875	745	644	512	392	320	192	141	93,3	62,8	52	27,9
1,750 V/C	1390	1245	990	830	710	555	417	337	198	144	94,8	63,5	52,4	28,2
1,700 V/C	1570	1400	1095	892	760	580	432	347	201	147	95,9	64,1	52,7	28,5
1,650 V/C	1765	1545	1170	948	797	597	441	353	204	149	96,5	64,4	53	28,7
1,600 V/C	1885	1640	1225	983	817	609	446	357	207	150	96,9	64,6	53,2	28,8

Technical drawing



Float Voltage vs Temperature

