

Marathon L-XL / L2V425 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: NALL020425VM0FA

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 1690W/Bloc CC 10h 1,8V/C 20°C 425Ah
Short circuit current	8245 A (IEC60896-21/22)
Internal resistance	0,25 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	28,8 kg
Origin	Castanheira, Portugal

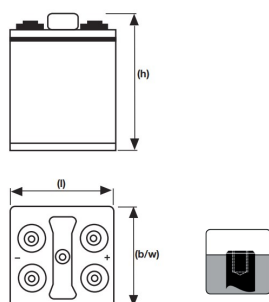
CONSTANT POWER DISCHARGE

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	1170	1085	915	795	700	577	459	388	249	190	128	88	73
1,850 V/C	1490	1370	1135	970	855	685	543	450	282	213	142	96,6	80,5
1,800 V/C	1750	1585	1305	1100	955	755	580	478	296	222	147	100	83,5
1,750 V/C	1995	1800	1450	1215	1050	818	620	505	308	227	149	102	84,3
1,700 V/C	2220	1985	1575	1300	1100	850	643	519	311	229	151	102	84,7
1,650 V/C	2380	2115	1640	1335	1130	868	651	527	313	230	152	103	85
1,600 V/C	2515	2205	1690	1370	1150	875	657	530	315	231	153	103	85,2

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	420	394	344	310	282	236	192	163	107	81,1	54,7	37,7	31,2	16,8
1,900 V/C	625	578	493	424	372	305	241	201	127	96,5	64,3	43,8	36,3	19,5
1,850 V/C	840	765	629	540	471	374	289	238	146	109	71,7	48,7	40,6	21,8
1,800 V/C	1025	920	744	622	535	416	317	259	155	115	75	50,8	42,5	22,8
1,750 V/C	1200	1065	835	690	590	451	340	274	162	118	76,5	51,8	43,1	23,2
1,700 V/C	1370	1195	915	738	617	468	351	282	166	120	77,6	52,3	43,5	23,4
1,650 V/C	1550	1325	980	775	642	485	360	288	168	122	78,4	52,5	43,7	23,5
1,600 V/C	1700	1430	1020	800	658	494	364	291	169	123	78,8	52,7	43,8	23,5

Technical drawing



Float Voltage vs Temperature

