

# Marathon L-XL / L6V110

## 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: **NALL060110HM0MC**

### 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

<b>Nominal voltage</b>	6 V
<b>Float charge</b>	2,27 V/C @ 20 °C
<b>Capacity</b>	CP 10min 1,6V/C 20°C 1583W/Bloc CC 10h 1,8V/C 20°C 112Ah
<b>Short circuit current</b>	3010 A (IEC60896-21/22)
<b>Internal resistance</b>	2,1 mΩ (IEC60896-21/22)

<b>Terminal</b>	M - M8
<b>Terminal Torque</b>	8 Nm
<b>Container</b>	UL 94-HB (Polypropylene)
<b>Temperature range</b>	-40°C to 55°C
<b>Dimensions (l x b/w x h)</b>	272 x 166 x 190 mm
<b>Weight</b>	21,3 kg
<b>Origin</b>	Castanheira, Portugal

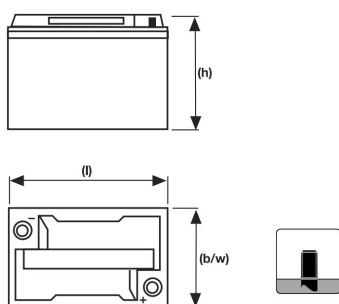
## CONSTANT POWER DISCHARGE

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	1310	1212	990	831	712	559	432	359	220	166	107	71	60
1,850 V/C	1722	1530	1184	971	811	625	479	393	244	181	118	77	64
1,800 V/C	2048	1802	1357	1077	891	672	505	416	253	190	123	80	66,5
1,750 V/C	2314	1995	1456	1144	938	698	525	431	261	196	126	81	67,5
1,700 V/C	2487	2121	1516	1184	964	716	531	435	263	198	127	82	68
1,650 V/C	2587	2201	1556	1204	984	725	535	437	265	199	128	83	69
1,600 V/C	2673	2268	1583	1220	991	731	539	439	266	200	128	83	69

## 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	143	139	125	111	99	80	62	50	30,2	23	14,5	9,9	8,6	4,5
1,900 V/C	222	208	169	141	121	94	73	59	37	28	17,8	11,8	10,3	5,4
1,850 V/C	300	265	208	169	141	106	81	66,5	40,3	30,5	19,8	13	10,8	5,7
1,800 V/C	373	317	234	187	153	115	86	71	43,3	32,8	20,8	13,5	11,2	5,9
1,750 V/C	430	363	259	202	163	120	90	73,5	44,2	33,6	21,4	13,8	11,5	6,1
1,700 V/C	467	391	273	211	169	124	92	74,5	44,9	34,1	21,8	14,1	11,7	6,3
1,650 V/C	496	413	283	216	175	128	93,5	75	45,5	34,5	21,9	14,2	11,8	6,4
1,600 V/C	519	431	291	222	178	130	95	75,5	45,9	34,7	21,9	14,2	11,8	6,4

## Technical drawing



## Float Voltage vs Temperature

