

## Marathon L-XL / L2V220

### 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: **NALL020220HM0FA**

#### 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>	2 V
<b>Float charge</b>	2,27 V/C @ 20 °C
<b>Capacity</b>	CP 10min 1,6V/C 20°C 880W/Bloc CC 10h 1,8V/C 20°C 220Ah
<b>Short circuit current</b>	5136 A (IEC60896-21/22)
<b>Internal resistance</b>	0,41 mΩ (IEC60896-21/22)

<b>Terminal</b>	F M8
<b>Terminal Torque</b>	20 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>	209 x 136 x 265 mm
<b>Weight</b>	16 kg
<b>Origin</b>	Castanheira, Portugal

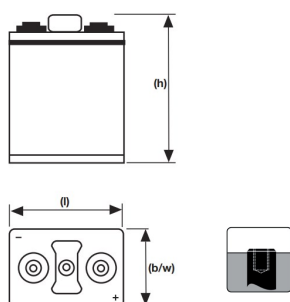
## CONSTANT POWER DISCHARGE

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	615	570	485	420	370	307	246	207	131	99	66,4	45,4	37,8
1,850 V/C	775	710	585	505	440	363	282	236	146	109	72,5	49,7	41,5
1,800 V/C	915	830	675	575	498	398	303	248	151	114	75	51,4	43,2
1,750 V/C	1055	945	765	640	545	427	325	265	156	116	76,2	52,2	43,7
1,700 V/C	1150	1025	810	670	570	442	336	271	159	118	77	52,7	44,1
1,650 V/C	1225	1090	855	698	590	453	341	275	162	119	77,8	53	44,2
1,600 V/C	1300	1145	880	715	600	460	343	278	163	119	78,2	53,2	44,3

## 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	215	203	176	161	146	122	99	85,5	55,6	42	28,3	19,5	16,2	8,7
1,900 V/C	325	300	250	216	191	156	124	103	65,8	50	33,3	22,7	18,8	10,1
1,850 V/C	435	395	324	276	241	192	148	122	75,5	56,4	37,1	25,2	21	11,3
1,800 V/C	525	470	382	320	275	214	163	133	80	59,4	38,8	26,3	22	11,8
1,750 V/C	615	545	432	354	302	232	176	141	83,5	61,2	39,6	26,8	22,3	12
1,700 V/C	695	610	468	378	318	241	181	146	86	62,2	40,2	27,1	22,5	12,1
1,650 V/C	775	670	500	400	330	249	185	149	87	63	40,6	27,2	22,6	12,1
1,600 V/C	850	725	525	410	338	254	187	150	87,5	63,5	40,8	27,3	22,7	12,2

## Technical drawing



## Float Voltage vs Temperature

