

# Marathon L-XL / L2V470 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: **NALL020470VM0FA**

### 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 1885W/Bloc CC 10h 1,8V/C 20°C 470Ah
<b>Short circuit current</b>	9445 A (IEC60896-21/22)
<b>Internal resistance</b>	0,22 mΩ (IEC60896-21/22)

<b>Terminal</b>	2 x F M8
<b>Terminal Torque</b>	20 Nm
<b>Container</b>	UL 94-V0 (Polypropylene)
<b>Temperature range</b>	-40°C to 55°C
<b>Dimensions (l x b/w x h)</b>	209 x 270 x 283 mm
<b>Weight</b>	32,6 kg
<b>Origin</b>	Castanheira, Portugal

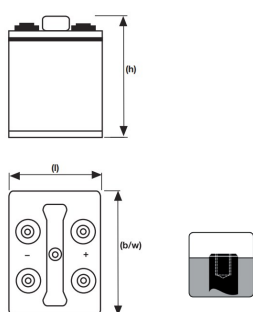
## CONSTANT POWER DISCHARGE

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	1230	1155	1010	880	795	652	520	437	281	215	146	99,2	82,3
1,850 V/C	1595	1480	1255	1080	955	770	599	496	308	234	158	109	89,2
1,800 V/C	1940	1780	1470	1240	1080	855	657	540	331	247	165	111	92,4
1,750 V/C	2245	2035	1645	1375	1185	928	705	573	341	251	166	113	93,2
1,700 V/C	2480	2220	1765	1455	1245	962	724	586	345	254	168	113	93,9
1,650 V/C	2655	2365	1835	1495	1270	982	737	595	348	255	169	114	94,3
1,600 V/C	2760	2450	1885	1550	1305	1000	748	602	350	256	169	114	94,5

## 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	460	433	390	348	317	272	217	183	118	88,4	60,2	41,5	34,6	18,5
1,900 V/C	690	644	550	482	428	352	274	228	145	109	72,6	49,4	41	21,8
1,850 V/C	895	820	688	595	520	419	321	264	162	121	80,5	54,4	45	24,3
1,800 V/C	1085	980	805	688	590	466	356	291	174	128	84,3	56,7	47	25,3
1,750 V/C	1290	1150	905	765	645	503	377	305	179	130	85,7	57,3	47,4	25,7
1,700 V/C	1455	1290	995	818	684	528	391	314	182	133	86,7	57,8	47,6	25,9
1,650 V/C	1630	1420	1065	860	720	540	399	320	185	135	87,2	58,1	47,9	26
1,600 V/C	1740	1505	1120	895	743	554	405	324	187	136	87,6	58,3	48,1	26,1

## Technical drawing



## Float Voltage vs Temperature

