

# Marathon L-XL / XL12V70 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:** NAXL120070VM0FA

### 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>	12 V
<b>Float charge</b>	2,27 V/C @ 20 °C
<b>Capacity</b>	CP 10min 1,6V/C 20°C 1810W/Bloc CC 10h 1,8V/C 20°C 66,6Ah
<b>Short circuit current</b>	1420 A (IEC60896-21/22)
<b>Internal resistance</b>	9 mΩ (IEC60896-21/22)

<b>Terminal</b>	F - M6
<b>Terminal Torque</b>	11 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>	262 x 172 x 239 mm
<b>Weight</b>	23,6 kg
<b>Origin</b>	Castanheira, Portugal

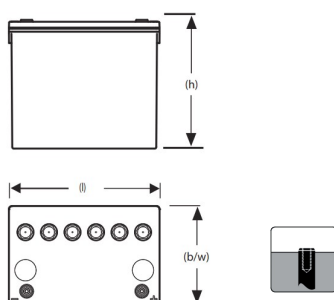
## CONSTANT POWER DISCHARGE

W @ 20 °C	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
1,900 V/C	1640	1230	1000	836	657	498	398	240	177	121	81,6	69,9	38,5
1,850 V/C	1970	1430	1140	948	730	549	443	269	199	131	88,5	74,6	41,1
1,800 V/C	2190	1570	1250	1020	780	586	473	283	210	140	91,9	77,5	42,3
1,750 V/C	2360	1670	1320	1070	817	616	495	289	215	143	94,2	79,2	42,9
1,700 V/C	2490	1740	1350	1100	831	631	506	293	218	145	95,4	80,4	43,1
1,650 V/C	2600	1780	1380	1120	845	638	511	296	220	146	96,5	80,4	43,2
1,600 V/C	2680	1810	1400	1130	859	646	517	298	221	146	96,5	80,4	43,3

## 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	101	101	84	69,2	61,8	47,7	35,8	27,6	16,8	12,2	8,4	5,8	5	2,6
1,900 V/C	145	145	109	86	75,2	56,6	42,6	33,1	20,9	15,5	10,3	7	5,8	3,1
1,850 V/C	179	179	129	101	87,6	63,2	47,1	37,5	23	16,8	11,2	7,6	6,3	3,4
1,800 V/C	203	203	142	110	94,3	68,2	51,1	40,6	24,6	17,8	12	8	6,7	3,6
1,750 V/C	222	222	154	116	100	71,5	53,4	42,8	25,3	18,4	12,3	8,3	6,9	3,7
1,700 V/C	238	238	161	121	103	73,8	55,7	43,8	26	19	12,4	8,4	7	3,8
1,650 V/C	253	253	168	126	106	76	56,8	44,4	26,3	19,3	12,5	8,4	7	3,8
1,600 V/C	264	264	172	130	109	78,2	58	45,6	26,6	19,4	12,5	8,4	7	3,8

## Technical drawing



## Float Voltage vs Temperature

