

## Marathon L-XL / XL12V85

### 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:** NAXL120085HM0FA

#### 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 (Underwriter 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 leadacid 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 2270W/Bloc CC 10h 1,8V/C 20°C 86Ah
<b>Short circuit current</b>	2192 A (IEC60896-21/22)
<b>Internal resistance</b>	5,7 mΩ (IEC60896-21/22)

<b>Terminal</b>	F - M6
<b>Terminal Torque</b>	11 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>	309 x 172 x 239 mm
<b>Weight</b>	28,3 kg
<b>Origin</b>	Castanheira, Portugal

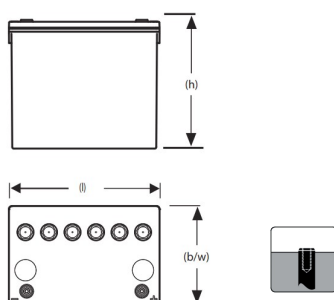
## CONSTANT POWER DISCHARGE

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	1770	1380	1180	1070	854	647	534	327	244	152	106	91,7	48,7
1,850 V/C	2110	1630	1370	1220	943	712	589	358	266	168	116	98,8	52,8
1,800 V/C	2370	1860	1540	1330	1020	759	622	375	276	177	121	102	54,7
1,750 V/C	2680	2000	1600	1380	1050	780	640	380	282	182	123	103	55,6
1,700 V/C	2940	2110	1660	1400	1060	791	649	385	286	184	124	104	55,9
1,650 V/C	3200	2210	1700	1420	1070	801	657	388	288	185	125	105	56,1
1,600 V/C	3310	2270	1740	1440	1080	810	663	391	290	186	125	105	56,2

## 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	114	114	94,5	82	76,3	62,1	47,5	38,1	23,1	17,1	11,3	7,6	6,5	3,4
1,900 V/C	161	161	122	102	92	72,6	54,5	44,4	27,3	20,1	13,5	9,1	7,8	4,1
1,850 V/C	201	201	147	121	105	81,4	60,4	49,7	29,9	22,2	14,9	9,9	8,2	4,3
1,800 V/C	234	234	168	134	116	88	64,7	52,6	31	23,1	15,7	10,3	8,6	4,5
1,750 V/C	258	258	178	142	121	90,2	66,9	53,9	32,1	23,9	16,1	10,7	8,8	4,6
1,700 V/C	289	289	190	148	125	92,4	68,5	55,3	32,9	24,5	16,5	10,8	8,9	4,7
1,650 V/C	319	319	201	154	129	94,6	70,1	56,7	33,6	24,9	16,7	10,9	8,9	4,7
1,600 V/C	334	334	208	158	131	96,2	71,2	57,5	33,9	25,1	16,7	10,9	8,9	4,7

## Technical drawing



## Float Voltage vs Temperature

