

Marathon L-XL / XL6V180

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: **NAXL060180HM0FA**

APPLICATIONS

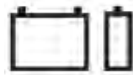


SPECIFICATIONS

- 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.

EXIDE Distributionscenter Frankfurt a.M.

ACCU-24 Batterien & Systeme GmbH

Untergasse 5
63688 Gedern
Tel.: +49 (0) 06045 952520
Fax: +49 (0) 06045 952966

www.ACCU-24.de

info@accu-24.de



TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	6 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 2530W/Bloc CC 10h 1,8V/C 20°C 179Ah
Short circuit current	3934 A (IEC60896-21/22)
Internal resistance	1,6 mΩ (IEC60896-21/22)

Terminal	F - M6
Terminal Torque	11 Nm
Container	UL 94-HB (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	309 x 172 x 241 mm
Weight	29 kg
Origin	Castanheira, Portugal

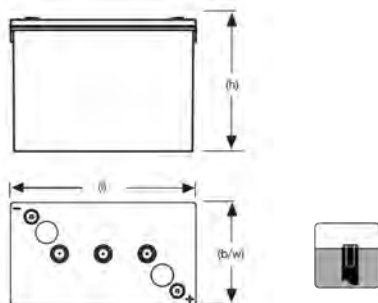
CONSTANT POWER DISCHARGE

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	1680	1570	1310	1120	876	683	565	334	246	155	106	91,8	50,9
1,850 V/C	2140	1880	1520	1270	978	750	629	366	268	173	117	97,9	55,1
1,800 V/C	2510	2130	1680	1390	1040	796	661	387	285	181	121	101	57,2
1,750 V/C	2740	2280	1780	1460	1090	830	688	398	293	187	124	102	58,1
1,700 V/C	2960	2420	1860	1510	1110	838	696	403	297	191	127	103	58,6
1,650 V/C	3160	2480	1900	1530	1120	844	701	407	301	193	128	104	58,8
1,600 V/C	3260	2530	1940	1540	1130	848	704	409	303	194	128	104	58,8

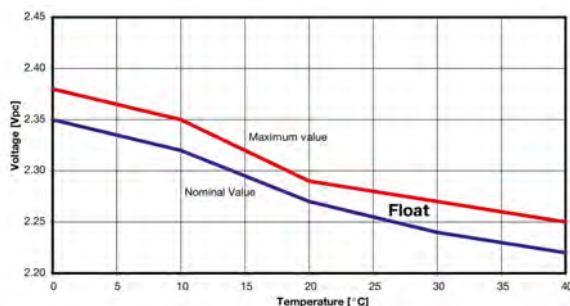
CONSTANT CURRENT DISCHARGE

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	212	212	191	173	155	124	97	81	48	33,8	23,1	15,5	13,7	7,2
1,900 V/C	314	314	256	222	192	148	114	95	55	39,5	27	18,3	16,2	8,5
1,850 V/C	409	409	315	265	224	168	125	103	60,3	43,3	30,7	20,4	17	9
1,800 V/C	482	482	355	289	242	181	135	110	63,8	46,7	32,2	21,4	17,9	9,4
1,750 V/C	540	540	385	309	256	189	141	114	66	48,1	33,1	22	18,3	9,7
1,700 V/C	592	592	414	327	265	194	144	116	67,4	49	33,9	22,4	18,7	9,8
1,650 V/C	642	642	430	336	272	198	146	118	68,6	50	34,1	22,6	18,8	9,9
1,600 V/C	672	672	446	348	279	201	148	120	69,1	50,3	34,2	22,7	18,8	9,9

Technical drawing



Float Voltage vs Temperature



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A Division of Exide Technologies