

Marathon L-XL / L12V32

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: NALL120032HM0MC

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

Nominal voltage	12 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 921W/Bloc CC 10h 1,8V/C 20°C 32Ah
Short circuit current	966 A (IEC60896-21/22)
Internal resistance	13 mΩ (IEC60896-21/22)

Terminal	M - M6
Terminal Torque	6 Nm
Container	UL 94-HB (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	198 x 168 x 175 mm
Weight	13,5 kg
Origin	Castanheira, Portugal

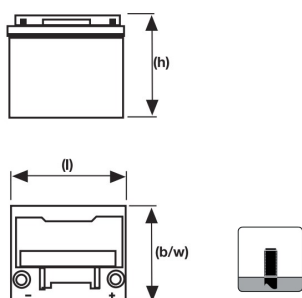
CONSTANT POWER DISCHARGE

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	862	759	585	477	407	318	248	207	122	89	60	40	34
1,850 V/C	1132	955	696	555	468	355	271	222	136	100	66	43	36
1,800 V/C	1321	1114	796	618	511	385	289	237	144	107	70	45	37
1,750 V/C	1450	1206	847	655	537	400	296	241	146	109	71	46	38
1,700 V/C	1576	1284	884	677	555	410	303	245	147	110	72	47	39
1,650 V/C	1628	1328	907	692	562	416	305	247	148	111	72	47	39
1,600 V/C	1658	1354	921	700	570	422	307	248	148	111	72	47	39

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	45	44	39	33	29	23	17,5	14,2	8,2	6	4	2,7	2,4	1,3
1,900 V/C	73	65	50	41	34	27	21	17	10,1	7,2	5	3,2	2,8	1,5
1,850 V/C	100	84	61	48	40	30	23	18,8	11,4	8,5	5,5	3,5	3	1,6
1,800 V/C	120	99	70	54	44	33	24,5	20,2	12,3	9,1	5,9	3,7	3,2	1,7
1,750 V/C	135	110	75	58	46	34,5	25	20,5	12,6	9,2	6	3,8	3,3	1,7
1,700 V/C	148	118	80	60	48	35,5	26	20,8	12,7	9,3	6,1	3,9	3,3	1,8
1,650 V/C	156	125	83	62	50	36,5	26,5	21,1	12,8	9,4	6,1	3,9	3,3	1,8
1,600 V/C	160	129	85	64	51	37,5	27	21,4	12,9	9,5	6,1	3,9	3,3	1,8

Technical drawing



Float Voltage vs Temperature

