

Marathon L-XL / L12V24

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: NALL120024HM0MA

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

Nominal voltage	12 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 691W/Bloc CC 10h 1,8V/C 20°C 23,5Ah
Short circuit current	880 A (IEC60896-21/22)
Internal resistance	14,3 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)	168 x 127 x 174 mm
Weight	9,5 kg
Origin	Castanheira, Portugal

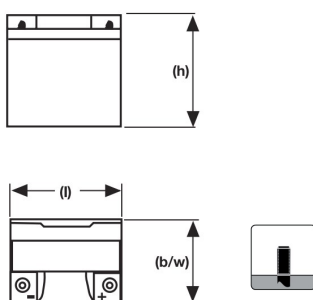
CONSTANT POWER DISCHARGE

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	660	588	448	362	305	240	185	153	92	68	44	29	25
1,850 V/C	859	732	529	419	348	267	205	167	100	73	48	31	26
1,800 V/C	1013	845	597	459	378	286	216	176	104	78	50	32	27
1,750 V/C	1112	915	635	486	400	297	221	178	106	80	51	33	28
1,700 V/C	1188	972	664	505	411	305	224	180	107	81	52	34	28
1,650 V/C	1239	1007	680	513	419	311	226	181	108	81	52	34	28
1,600 V/C	1266	1026	691	520	424	313	227	181	108	81	52	34	28

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	35	34	29	25	22	17,3	13,1	10,7	6,3	4,6	3,1	2,1	1,8	1
1,900 V/C	56	50	39	31	26	20,1	15,4	12,6	7,7	5,8	3,7	2,4	2,1	1,1
1,850 V/C	76	64	47	36,5	30	22,7	17,1	14	8,3	6,3	4	2,6	2,2	1,2
1,800 V/C	92	76	52	40	32,5	24,7	18,2	14,9	9	6,8	4,2	2,7	2,3	1,2
1,750 V/C	104	83	56	43	34,5	25,7	18,8	15,1	9,2	6,9	4,3	2,8	2,4	1,3
1,700 V/C	112	89	60	45	36,5	26,5	19,2	15,3	9,3	7	4,4	2,9	2,4	1,3
1,650 V/C	119	94	62	46	37,5	27,2	19,6	15,5	9,4	7	4,4	2,9	2,4	1,3
1,600 V/C	123	97	64	47	38,5	27,9	19,9	15,8	9,5	7	4,4	2,9	2,4	1,3

Technical drawing



Float Voltage vs Temperature

