Marathon L-XL / L12V15

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: NALL120015HM0MA

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 ofits 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 416W/Bloc CC 10h 1,8V/C 20°C 14Ah
Short circuit current	616 A (IEC60896-21/22)
Internal resistance	20,3 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)	181 x 76 x 167 mm
Weight	6,5 kg
Origin	Castanheira, Portugal

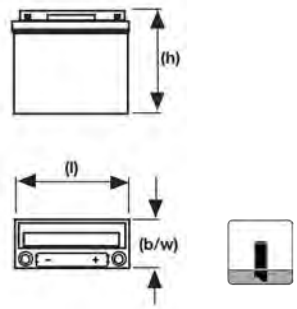
CONSTANT POWER DISCHARGE

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	399	357	275	222	188	148	116	98	57	44	29	19	16
1,850 V/C	519	442	321	254	210	164	127	106	64	48	31	20	17
1,800 V/C	614	514	363	280	230	177	137	113	67	50	32	20,5	17
1,750 V/C	666	553	385	293	241	184	141	116	69	51	32,5	21	17
1,700 V/C	714	585	400	301	248	189	143	118	70	52	33	21	17
1,650 V/C	742	607	409	307	254	193	145	119	71	52	33	21	17
1,600 V/C	760	617	416	310	257	195	147	120	71	52	33	21	17

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	22	21	18	15	14	10,6	8,2	6,5	4	2,8	1,8	1,3	1,2	0,6
1,900 V/C	34	30	23	19	16	12,4	9,5	7,7	4,8	3,3	2,3	1,5	1,3	0,6
1,850 V/C	46	39	28	22	18	14,1	10,7	8,6	5,3	3,7	2,4	1,6	1,3	0,7
1,800 V/C	56	46	32	24	20	15	11,5	9,3	5,7	4,1	2,5	1,7	1,4	0,7
1,750 V/C	62	51	35	26	21	15,8	11,8	9,5	5,9	4,3	2,6	1,7	1,5	0,8
1,700 V/C	68	54	37	27	22	16,3	12,1	9,7	6,1	4,4	2,7	1,8	1,5	0,8
1,650 V/C	71	57	38	27,5	22,5	16,6	12,4	9,8	6,1	4,4	2,7	1,8	1,5	0,8
1,600 V/C	74	59	39	28	23	17	12,6	9,9	6,1	4,4	2,7	1,8	1,5	0,8

Technical drawing



Float Voltage vs Temperature