Marathon L-XL / L2V270 V0

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: NALL020270VM0FA

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

GNB INDUSTRIAL POWER
A Division of Exide Technologies

MARATHON®

TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	2 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 1050W/Bloc CC 10h 1,8V/C 20°C 270Ah
Short circuit current	6012 A (IEC60896-21/22)
Internal resistance	0,35 mΩ (IEC60896-21/22)

Terminal	F M8
Terminal Torque	20 Nm
Container	UL 94-V0 (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	209 x 136 x 265 mm
Weight	18,3 kg
Origin	Castanheira, Portugal

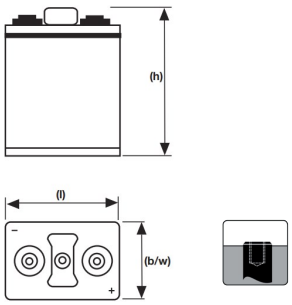
CONSTANT POWER DISCHARGE

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	735	675	575	504	448	370	297	251	160	122	81,5	55,7	46,4
1,850 V/C	930	850	700	604	532	438	343	287	178	134	89	61	50,9
1,800 V/C	1085	990	810	690	595	480	370	304	186	139	92	63,1	53
1,750 V/C	1250	1125	915	763	660	515	395	323	191	142	93,5	64	53,6
1,700 V/C	1375	1230	975	805	690	537	403	331	195	144	94,5	64,7	54,1
1,650 V/C	1465	1300	1020	838	710	547	412	336	198	145	95,5	65,1	54,3
1,600 V/C	1555	1365	1050	855	725	555	417	338	199	146	96	65,3	54,4

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	248	237	210	190	174	148	121	105	68,4	51,5	34,7	23,9	19,9	10,7
1,900 V/C	380	350	298	259	232	190	152	128	81	61,3	40,8	27,8	23,1	12,4
1,850 V/C	515	470	389	331	290	233	182	150	92,5	69,2	45,5	30,9	25,7	13,8
1,800 V/C	630	565	456	384	332	261	200	163	98	72,8	47,6	32,2	27	14,4
1,750 V/C	740	660	524	434	370	283	214	173	102	75	48,6	32,9	27,4	14,7
1,700 V/C	845	740	568	462	389	297	223	178	106	76,4	49,3	33,2	27,6	14,8
1,650 V/C	935	815	610	486	405	305	227	182	107	77,3	49,8	33,4	27,7	14,9
1,600 V/C	1020	870	638	500	414	311	229	183	107	78	50	33,5	27,8	15

Technical drawing



Float Voltage vs Temperature