Marathon L-XL / XL12V50 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: NAXL120050VM0FA

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	12 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 1290W/Bloc CC 10h 1,8V/C 20°C 50,4Ah
Short circuit current	1367 A (IEC60896-21/22)
Internal resistance	9,2 mΩ (IEC60896-21/22)

Terminal	F - M6
Terminal Torque	11 Nm
Container	UL 94-V0 (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	220 x 172 x 235 mm
Weight	19,1 kg
Origin	Castanheira, Portugal

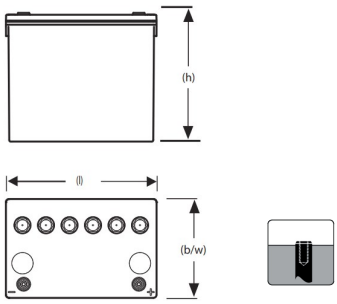
CONSTANT POWER DISCHARGE

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	1064	820	699	597	483	376	314	186	134	92,3	64,1	53,9	29,6
1,850 V/C	1335	975	813	691	545	412	338	204	147	101	69,6	58,2	31,7
1,800 V/C	1560	1115	904	762	590	443	359	218	158	106	72,8	60,3	32,3
1,750 V/C	1690	1185	958	801	612	455	365	222	162	109	75	60,9	32,6
1,700 V/C	1795	1240	990	829	629	461	371	225	165	110	76,1	61,4	32,9
1,650 V/C	1860	1270	1010	839	634	464	374	227	167	110	76,1	61,4	33,2
1,600 V/C	1895	1290	1010	850	640	466	376	228	168	110	76,1	61,4	33,4

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	64	64	54	47	43	35	27	22	12,6	8,9	6,2	4,4	3,9	2,1
1,900 V/C	96	96	71	59	52	41	32	26	15,4	10,7	7,8	5,4	4,6	2,6
1,850 V/C	124	124	87	69	59	46	36	29	17	12,2	8,5	5,7	4,8	2,7
1,800 V/C	145	145	99	78	67	51	39	31	18,5	13,6	8,9	5,9	5	2,8
1,750 V/C	162	162	107	83	70	53	40	31	19	13,9	9,1	6	5,2	2,9
1,700 V/C	174	174	112	86	73	55	41	32	19,2	14,1	9,2	6,1	5,3	2,9
1,650 V/C	183	183	116	89	75	56	41	32	19,4	14,3	9,3	6,1	5,3	2,9
1,600 V/C	190	190	120	91	76	57	42	33	19,6	14,4	9,3	6,1	5,3	2,9

Technical drawing



Float Voltage vs Temperature