Marathon L-XL / L2V220 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: NALL020220VM0FA

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 880W/Bloc CC 10h 1,8V/C 20°C 220Ah
Short circuit current	5136 A (IEC60896-21/22)
Internal resistance	0,41 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	16 kg
Origin	Castanheira, Portugal

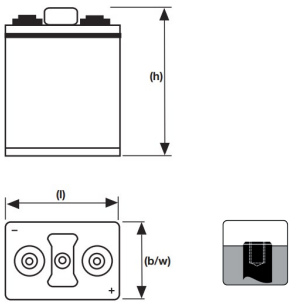
CONSTANT POWER DISCHARGE

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	615	570	485	420	370	307	246	207	131	99	66,4	45,4	37,8
1,850 V/C	775	710	585	505	440	363	282	236	146	109	72,5	49,7	41,5
1,800 V/C	915	830	675	575	498	398	303	248	151	114	75	51,4	43,2
1,750 V/C	1055	945	765	640	545	427	325	265	156	116	76,2	52,2	43,7
1,700 V/C	1150	1025	810	670	570	442	336	271	159	118	77	52,7	44,1
1,650 V/C	1225	1090	855	698	590	453	341	275	162	119	77,8	53	44,2
1,600 V/C	1300	1145	880	715	600	460	343	278	163	119	78,2	53,2	44,3

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	215	203	176	161	146	122	99	85,5	55,6	42	28,3	19,5	16,2	8,7
1,900 V/C	325	300	250	216	191	156	124	103	65,8	50	33,3	22,7	18,8	10,1
1,850 V/C	435	395	324	276	241	192	148	122	75,5	56,4	37,1	25,2	21	11,3
1,800 V/C	525	470	382	320	275	214	163	133	80	59,4	38,8	26,3	22	11,8
1,750 V/C	615	545	432	354	302	232	176	141	83,5	61,2	39,6	26,8	22,3	12
1,700 V/C	695	610	468	378	318	241	181	146	86	62,2	40,2	27,1	22,5	12,1
1,650 V/C	775	670	500	400	330	249	185	149	87	63	40,6	27,2	22,6	12,1
1,600 V/C	850	725	525	410	338	254	187	150	87,5	63,5	40,8	27,3	22,7	12,2

Technical drawing



Float Voltage vs Temperature