Marathon L-XL / L2V375

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: NALL020375HM0FA

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	2 V
Float charge	2,27 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 1540W/Bloc CC 10h 1,8V/C 20°C 375Ah
Short circuit current	8008 A (IEC60896-21/22)
Internal resistance	0,26 mΩ (IEC60896-21/22)

Terminal	2 x F M8
Terminal Torque	20 Nm
Container	UL 94-HB (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	209 x 202 x 265 mm
Weight	26,5 kg
Origin	Castanheira, Portugal

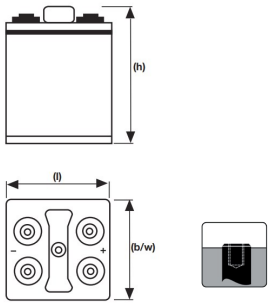
CONSTANT POWER DISCHARGE

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	1080	1000	850	740	650	527	412	348	219	167	113	77,5	64,3
1,850 V/C	1340	1230	1020	875	765	617	482	400	249	188	125	85	70,9
1,800 V/C	1595	1440	1170	995	860	668	515	423	261	196	130	88	73,5
1,750 V/C	1825	1630	1315	1080	925	725	549	447	272	200	131	89,5	74,2
1,700 V/C	2040	1790	1410	1150	980	755	568	460	275	202	133	90	74,7
1,650 V/C	2200	1920	1495	1205	1015	780	581	470	277	203	134	90,3	74,9
1,600 V/C	2320	2030	1540	1245	1040	790	590	477	279	204	134	90,5	75

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	405	380	330	295	265	222	179	152	98	72,7	49,1	33,9	28	15,1
1,900 V/C	582	540	455	398	351	288	228	190	116	86,5	57,8	39,4	32,6	17,5
1,850 V/C	750	690	564	482	422	337	263	215	131	97	63,7	43,2	35,9	19,4
1,800 V/C	915	825	670	562	486	381	290	236	141	102	66,5	45	37,5	20,2
1,750 V/C	1090	965	750	612	524	406	308	250	146	104	67,5	45,7	38	20,5
1,700 V/C	1265	1100	825	658	554	424	319	257	149	106	68,5	46,2	38,3	20,6
1,650 V/C	1435	1215	880	695	575	436	324	260	150	108	69,2	46,5	38,5	20,7
1,600 V/C	1600	1330	935	720	590	443	328	262	151	109	69,6	46,6	38,7	20,8

Technical drawing



Float Voltage vs Temperature