

Marathon L-XL / L2V600 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: NALL020600VM0FA

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 2022 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 2321W/Bloc CC 10h 1,8V/C 20°C 601Ah
Short circuit current	12587 A (IEC60896-21/22)
Internal resistance	0,16 mΩ (IEC60896-21/22)

Terminal	2 x F M8
Terminal Torque	20 Nm
Container	UL 94 V-0 (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	209 x 270 x 265 mm
Weight	38,9 kg
Origin	Castanheira, Portugal

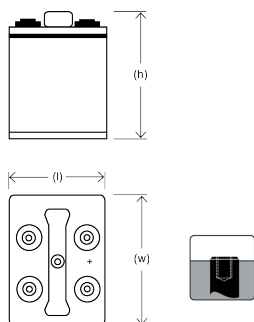
CONSTANT POWER DISCHARGE

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	1438	1359	1181	1051	957	805	649	549	357	274	186	127	105
1,850 V/C	1866	1725	1485	1302	1155	948	752	626	391	298	202	139	114
1,800 V/C	2248	2075	1751	1495	1317	1061	826	682	419	314	210	142	118
1,750 V/C	2603	2394	1965	1688	1453	1160	887	723	433	334	212	144	119
1,700 V/C	2901	2629	2128	1783	1542	1206	916	742	437	323	214	145	120
1,650 V/C	3121	2807	2237	1866	1605	1240	933	753	440	324	215	145	121
1,600 V/C	3272	2927	2321	1924	1636	1260	946	762	443	340	216	146	121

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	538	518	467	422	387	331	272	231	150	113	77	53	44,3	23,6
1,900 V/C	826	763	664	585	523	433	344	289	184	139	92,8	63,3	52,4	27,9
1,850 V/C	1061	983	836	727	640	522	406	336	216	155	103	69,6	57	31
1,800 V/C	1291	1181	991	853	741	594	454	370	222	163	108	72,6	60,1	32,3
1,750 V/C	1547	1396	1124	941	811	634	480	389	228	166	109	73,2	60,5	32,6
1,700 V/C	1741	1558	1234	1014	866	664	498	400	232	169	111	74,1	61	32,8
1,650 V/C	1955	1725	1317	1072	904	685	507	407	235	171	111	74,3	61,3	33
1,600 V/C	2107	1835	1385	1113	926	699	514	412	238	173	112	74,5	61,5	33,1

Technical drawing



Float voltage vs. temperature

