

Classic Energy Bloc / EB 12160

INDUSTRIAL BATTERIES / NETWORK POWER

Classic Energy Bloc batteries are low maintenance, long life lead acid batteries with liquid electrolyte, available in a variety of models. Thanks to their enhanced energy density, they are ideal for high current applications with short discharge times. They provide a universal and reliable energy storage solution for UPS systems, in telecom, power and railway systems as well as in emergency lighting and all other power supplies for safety systems.

Part Number: NVEB120160WC0FB

APPLICATIONS



SPECIFICATIONS

- 15 years design life at 20°C ambient temperature (80% remaining capacity from C₁₀)
- Low maintenance thanks to the optimized alloy
- Containers made from high quality translucent plastics
- Positive and negative grid plates
- Complies with IEC 60896-11
- Electrolyte: diluted sulphuric acid dN = 1.24 kg/l
- Low gassing acc. to EN 50272-2 thanks to the low antimony alloy (< 3%)
- Easy installation thanks to the maintenance free, fully insulated connectors and screws
- Manufactured in Europe in our ISO 9001 certified production plants



Design life
in years: 15



Block battery



Grid plate



Recyclable



Low
maintenance



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	12 V
Float charge	2,23 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 3597W/Bloc CC 10h 1,8V/C 20°C 158Ah
Short circuit current	2804 A (IEC60896-21/22)
Internal resistance	4,08 mΩ (IEC60896-21/22)
Electrolyte density	1,24 kg/l

Terminal	F-M8
Terminal Torque	12 Nm
Container	PP (Polypropylene)
Temperature range	-20°C to 55°C
Dimensions (l x b/w x h)	380 x 207 x 347 mm
Weight	64,2 kg
Acid weight	15,1 kg
Origin	La Cartuja, Spain

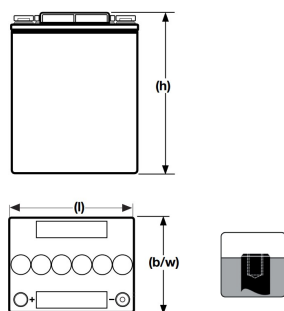
CONSTANT POWER DISCHARGE

W @ 20 °C	0,5m	1m	3m	5m	10m	15m	20m	30m	45m	1h	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h
1,900 V/C	2760	2724	2584	2444	2095	1793	1571	1292	1048	908	698	582	435	351	294	254	224	199	180	163
1,870 V/C	3492	3492	3259	3003	2444	2095	1798	1455	1156	978	764	626	466	378	319	275	242	216	195	178
1,850 V/C	3841	3841	3550	3213	2654	2235	1938	1554	1214	1013	792	649	477	390	329	285	250	224	202	184
1,830 V/C	3841	3841	3608	3282	2724	2351	2025	1624	1261	1042	811	663	487	399	338	292	257	229	208	189
1,800 V/C	3841	3841	3667	3422	2829	2444	2130	1711	1315	1071	834	681	499	407	345	299	263	235	212	194
1,750 V/C	4889	4889	4307	3911	3178	2666	2287	1804	1366	1098	853	695	508	412	349	303	268	239	217	195
1,700 V/C	5727	5587	4772	4260	3370	2794	2375	1845	1385	1106	854	695	508	413	350	304	269	242	219	197
1,650 V/C	6286	6111	5238	4540	3527	2887	2427	1862	1389	1112	857	698	510	414	350	305	269	242	220	198
1,600 V/C	6984	6635	5587	4749	3597	2933	2444	1868	1393	1112	857	698	510	415	351	306	270	243	221	198

CONSTANT CURRENT DISCHARGE

A @ 20 °C	0,5m	1m	3m	5m	10m	15m	30m	45m	1h	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h
1,900 V/C	253	252	244	217	175	147	109	88,5	76,2	59,4	48,6	36,3	29,2	24,3	20,9	18,2	16,2	14,7	13,6
1,870 V/C	279	279	256	237	199	172	125	97,8	83,2	64,8	52,7	39,2	31,7	26,4	22,6	19,7	17,5	15,7	14,5
1,850 V/C	321	315	291	265	220	189	133	104	87,3	67,1	55	40,5	32,9	27,5	23,5	20,5	18,2	16,4	15
1,830 V/C	376	367	326	293	237	200	140	109	90,2	69,5	56,5	41,3	33,6	28,2	24,2	21	18,7	16,7	15,3
1,800 V/C	396	384	349	321	262	221	148	115	93,7	71,8	58,5	42,5	34,5	28,8	24,8	21,8	19,4	17,4	15,8
1,750 V/C	468	454	407	363	297	244	158	120	97,1	73,7	59,7	43,3	35,1	29,6	25,4	22,2	19,7	17,7	16,1
1,700 V/C	576	547	466	405	318	258	164	123	98,4	74,5	60,5	43,7	35,2	29,7	25,4	22,3	19,8	17,8	16,2
1,650 V/C	662	629	512	447	335	268	165	123	98,9	74,9	60,8	43,8	35,4	29,7	25,5	22,3	19,9	17,9	16,3
1,600 V/C	742	698	571	482	346	272	166	124	99,5	75,3	60,9	44	35,4	29,8	25,6	22,4	19,9	17,9	16,3

Technical drawing



Float Voltage vs Temperature

