Classic Energy Bloc / EB 12110

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: NVEB120110WC0FB

APPLICATIONS

SPECIFICATIONS

- 15 years design life at 20°C ambient temperature (80% remaining capacity from C_{10})
- 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 2398W/Bloc CC 10h 1,8V/C 20°C 105Ah
Short circuit current	2031 A (IEC60896-21/22)
Internal resistance	4,91 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)	272 x 207 x 347 mm
Weight	44,2 kg
Acid weight	10,6 kg
Origin	La Cartuja, Spain

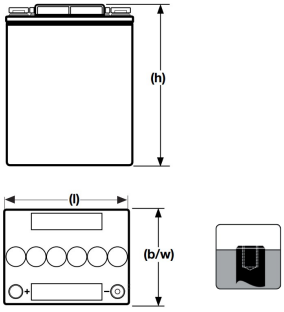
CONSTANT POWER DISCHARGE

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	1840	1816	1723	1630	1397	1195	1048	861	698	605	466	388	290	234	196	169	149	133	120	109
1,870 V/C	2328	2328	2173	2002	1630	1397	1199	970	771	652	510	417	310	252	213	184	161	144	130	118
1,850 V/C	2561	2561	2367	2142	1769	1490	1292	1036	810	675	528	433	318	260	220	190	167	149	135	123
1,830 V/C	2561	2561	2406	2188	1816	1568	1350	1083	841	695	541	442	325	266	225	195	171	153	138	126
1,800 V/C	2561	2561	2444	2281	1886	1630	1420	1141	877	714	556	454	332	272	230	199	175	157	141	129
1,750 V/C	3259	3259	2871	2607	2118	1777	1525	1203	911	732	569	464	339	275	233	202	178	160	144	130
1,700 V/C	3818	3725	3182	2840	2247	1862	1583	1230	923	737	569	464	339	275	233	202	179	161	146	131
1,650 V/C	4190	4074	3492	3026	2351	1924	1618	1242	926	741	572	465	340	276	234	203	180	162	147	132
1,600 V/C	4656	4423	3725	3166	2398	1956	1630	1245	929	741	572	466	340	276	234	204	180	162	147	132

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	168	168	163	144	116	97,8	72,9	59	50,8	39,6	32,4	24,2	19,5	16,2	13,9	12,1	10,8	9,83	9,04
1,870 V/C	186	186	171	158	133	115	83	65,2	55,5	43,2	35,1	26,1	21,1	17,6	15,1	13,1	11,7	10,5	9,66
1,850 V/C	216	210	194	177	147	126	88,5	69,3	58,2	44,7	36,7	27	21,9	18,3	15,6	13,6	12,1	10,9	9,97
1,830 V/C	250	244	217	196	158	133	93,1	72,4	60,1	46,3	37,6	27,5	22,4	18,8	16,1	14	12,5	11,2	10,2
1,800 V/C	264	256	233	214	175	147	98,6	76,6	62,5	47,9	39	28,3	23	19,2	16,6	14,5	12,9	11,6	10,6
1,750 V/C	312	303	272	242	198	163	106	80,2	64,7	49,1	39,8	28,8	23,4	19,7	16,9	14,8	13,1	11,8	10,7
1,700 V/C	384	365	310	270	212	172	109	81,7	65,6	49,7	40,4	29,1	23,5	19,8	17	14,9	13,2	11,9	10,8
1,650 V/C	442	419	342	298	223	178	110	82,3	66	49,9	40,5	29,2	23,6	19,8	17	14,9	13,3	11,9	10,9
1,600 V/C	494	466	380	321	230	182	111	82,8	66,3	50,2	40,6	29,3	23,6	19,9	17,1	14,9	13,3	12	10,9

Technical drawing



Float Voltage vs Temperature