

Classic Energy Bloc / EB 6310

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: NVEB060310WC0FB

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	6 V
Float charge	2,23 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 3026W/Bloc CC 10h 1,8V/C 20°C 302Ah
Short circuit current	4127 A (IEC60896-21/22)
Internal resistance	1,33 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	56,9 kg
Acid weight	16,8 kg
Origin	La Cartuja, Spain

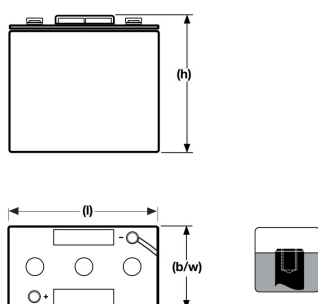
CONSTANT POWER DISCHARGE

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	2300	2270	2118	1980	1700	1463	1282	1081	915	768	608	514	390	316	267	234	209	188	171	157
1,870 V/C	2910	2910	2671	2503	1983	1710	1467	1217	1010	844	679	564	427	348	295	259	231	207	190	174
1,850 V/C	3201	3201	2910	2677	2153	1824	1581	1300	1061	892	718	597	446	366	310	273	244	219	200	184
1,830 V/C	3201	3201	3007	2735	2270	1940	1671	1358	1099	922	731	611	453	373	316	278	248	223	204	186
1,800 V/C	3201	3201	3011	2794	2386	2056	1792	1436	1151	960	750	621	462	378	322	281	251	227	206	189
1,750 V/C	3958	3958	3492	3143	2561	2212	1898	1533	1203	989	770	635	469	383	326	285	254	229	209	189
1,700 V/C	4540	4481	3880	3434	2794	2347	1995	1591	1222	1009	776	640	472	386	326	285	254	231	210	190
1,650 V/C	5005	4831	4171	3725	2910	2425	2039	1620	1235	1009	776	640	472	386	326	285	255	231	211	191
1,600 V/C	5587	5354	4462	3841	3026	2483	2069	1630	1242	1009	776	640	472	386	326	286	255	232	212	192

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	387	386	373	333	276	249	194	164	136	107	87,8	66,9	54,6	46	39,9	35,2	31,5	28,5	26
1,870 V/C	466	466	427	384	326	279	213	172	148	116	95,5	71,8	58,4	49,3	42,8	37,8	33,8	30,7	28
1,850 V/C	504	495	446	407	349	303	227	182	156	121	99,4	74	59,9	50,8	44,1	39,1	35	31,7	29
1,830 V/C	605	582	520	468	384	330	241	190	161	125	102	75,3	61,4	51,6	44,9	39,8	35,8	32,4	29,6
1,800 V/C	675	640	553	513	419	361	256	200	168	129	105	77,3	62,3	52,8	45,9	40,6	36,5	33,1	30,3
1,750 V/C	753	728	660	594	483	407	275	212	174	133	107	77,9	63,3	53,5	46,6	41,2	37,3	33,7	30,8
1,700 V/C	989	931	770	675	530	438	285	217	176	135	109	79,2	64	53,9	46,7	41,3	37,6	33,9	31
1,650 V/C	1106	1048	854	745	565	458	291	220	177	135	110	79,5	64,3	54	46,8	41,4	37,7	34,1	31,1
1,600 V/C	1164	1106	931	803	594	466	293	221	178	136	110	79,6	64,4	54,1	47	41,6	37,8	34,1	31,2

Technical drawing



Float Voltage vs Temperature

