Classic Energy Bloc / EB 6215

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: NVEB060215WC0FB

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	6 V
Float charge	2,23 V/C @ 20 °C
Capacity	CP 10min 1,6V/C 20°C 2118W/Bloc CC 10h 1,8V/C 20°C 213Ah
Short circuit current	3219 A (IEC60896-21/22)
Internal resistance	1,73 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	41,2 kg
Acid weight	11,6 kg
Origin	La Cartuja, Spain

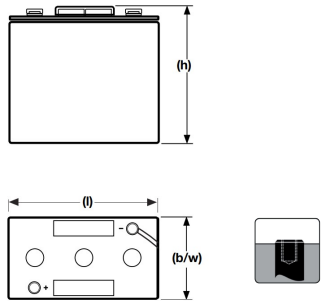
CONSTANT POWER DISCHARGE

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	1610	1589	1483	1386	1190	1024	898	757	640	538	426	360	273	221	187	164	147	131	120	110
1,870 V/C	2037	2037	1870	1752	1388	1197	1027	852	707	591	476	395	299	244	206	181	162	145	133	122
1,850 V/C	2241	2240	2037	1874	1507	1277	1107	910	742	625	502	418	312	256	217	191	171	154	140	129
1,830 V/C	2241	2241	2105	1915	1589	1358	1170	951	770	645	512	428	317	261	221	195	174	156	143	130
1,800 V/C	2241	2241	2129	1956	1670	1439	1254	1005	806	672	525	435	324	265	225	197	176	159	144	132
1,750 V/C	2770	2770	2444	2200	1793	1548	1328	1073	842	693	539	445	328	268	228	199	178	160	146	133
1,700 V/C	3178	3137	2716	2404	1956	1643	1397	1114	856	706	543	448	330	270	228	200	178	162	147	133
1,650 V/C	3504	3381	2920	2607	2037	1697	1427	1134	865	706	543	448	330	270	228	200	178	162	148	134
1,600 V/C	3911	3748	3123	2689	2118	1738	1449	1141	869	706	543	448	330	270	228	200	179	162	148	134

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	270	270	261	233	193	174	136	115	95,1	74,7	61,5	46,9	38,2	32,2	28	24,6	22,1	19,9	18,2
1,870 V/C	326	326	299	269	228	196	149	120	104	81,5	66,9	50,2	40,9	34,5	30	26,5	23,7	21,5	19,6
1,850 V/C	352	346	312	285	244	212	159	128	109	84,6	69,6	51,8	41,9	35,6	30,9	27,4	24,5	22,2	20,3
1,830 V/C	424	407	371	334	269	231	168	133	113	87,4	71,6	52,7	42,9	36,1	31,5	27,8	25	22,7	20,7
1,800 V/C	465	448	399	359	293	253	179	140	117	90,5	73,7	54,1	43,6	36,9	32,1	28,4	25,5	23,2	21,2
1,750 V/C	525	509	462	416	338	285	193	148	122	92,8	75	54,5	44,3	37,5	32,6	28,8	26,1	23,6	21,6
1,700 V/C	692	652	539	473	371	307	200	152	123	94,2	76,4	55,5	44,8	37,8	32,7	28,9	26,3	23,8	21,7
1,650 V/C	774	734	598	521	395	320	204	154	124	94,6	76,7	55,7	45	37,8	32,8	29	26,4	23,9	21,8
1,600 V/C	815	774	652	562	416	326	205	155	125	95,1	77,1	55,7	45,1	37,9	32,9	29,1	26,4	23,9	21,8

Technical drawing



Float Voltage vs Temperature