

Classic Energy Bloc

Technical data sheet

Technical features:

- Nominal Capacity 61.0-340 Ah C₁₀
- 15 years design life at 20 °C ambient temperature (until 80 % nominal C₁₀)
- Low maintenance thanks to the optimized alloy
- Containers made from high quality translucent plastics
- Positive and negative grid plates
- Available in 12 V and 6 V block versions
- Easy installation thanks to the maintenance free, fully insulated connectors and screws
- Electrolyte: diluted sulphuric acid dN = 1.24 kg/l

Standards & certifications:

- Complies with IEC 60896-11
- Low gassing acc. to EN 62485-2 thanks to the low antimony alloy (<3 %)
- Manufactured in Europe in our ISO 9001 certified production plants



Design life
15 years



Nominal capacity
61.0-340 Ah C₁₀



Block battery



Grid plate



Recyclable



Low maintenance



Special high current
performance

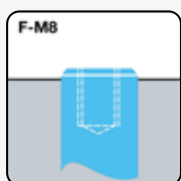
Technical characteristics and data

Type acc. to DIN reference	Part number	Type	Nom. voltage	Nominal capacity	Length	Installed length	Width	Height*	Weight incl. acid	Weight acid	Internal resistance	Short circuit current	Terminal	Pole pairs
			V	C ₁₀ 1.80 Vpc 20 °C	(l)	(L)	(w)	(h)	approx. kg	approx. kg	mOhm	A		
				Ah	max. mm	max. mm	max. mm	max. mm						
6V 7 OGi 213 LA	NVEB060215WC0FB	EB 6215	6	213	272	283	207	347	41.2	11.6	1.73	3219	F-M8	1
6V 9 OGi 237 LA	NVEB060240WC0FB	EB 6240	6	237	272	283	207	347	46.0	11.0	1.43	3797	F-M8	1
6V 10 OGi 304 LA	NVEB060310WC0FB	EB 6310	6	302	380	391	207	347	56.9	16.8	1.33	4127	F-M8	1
6V 12 OGi 340 LA	NVEB060350WC0FB	EB 6350	6	340	380	391	207	347	62.3	15.8	1.23	4498	F-M8	1
12V 2 OGi 61 LA	NVEB120060WC0FB	EB 1260	12	61.0	272	283	207	347	33.9	11.8	8.81	1115	F-M8	1
12V 4 OGi 105 LA	NVEB120110WC0FB	EB 12110	12	105	272	283	207	347	44.2	10.6	4.91	2031	F-M8	1
12V 6 OGi 158 LA	NVEB120160WC0FB	EB 12160	12	158	380	391	207	347	64.2	15.1	4.08	2804	F-M8	1

* Includes installed connector, the above mentioned height can differ depending on the used vents.

Container, terminal and torque

PP (Polypropylene)



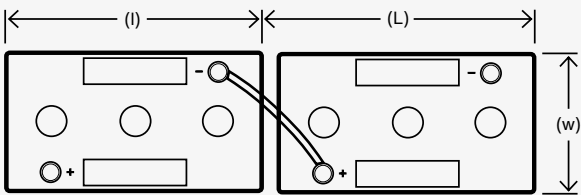
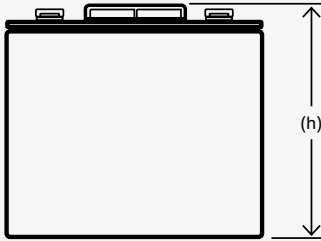
12 Nm

Classic Energy Bloc

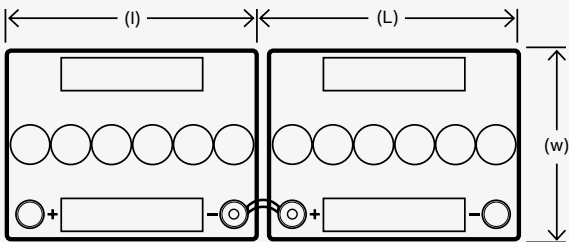
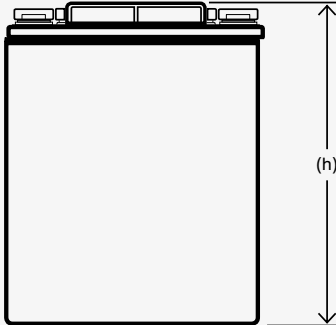
Technical data sheet

Drawings

EB 6215 - EB 6350



EB 1260 - EB 12160



Not to scale!

Classic Energy Bloc

Constant current discharge

Type	Part number	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4h	5 h	8 h	10 h
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1.90 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	261	233	193	173	135	115	95.0	61.4	46.8	38.1	32.1	22.0	18.1
6V 9 OGi 237 LA	NVEB060240WC0FB	348	308	248	219	164	132	114	72.8	54.4	43.8	36.4	24.3	20.3
6V 10 OGi 304 LA	NVEB060310WC0FB	373	333	275	248	194	164	135	87.7	66.9	54.5	45.9	31.5	25.9
6V 12 OGi 334 LA	NVEB060350WC0FB	468	416	340	295	225	187	157	101	76.4	61.9	51.9	35.1	29.1
12V 2 OGi 61 LA	NVEB120060WC0FB	74.6	66.6	55.1	49.7	38.8	32.8	27.1	17.5	13.3	10.9	9.19	6.30	5.19
12V 4 OGi 105 LA	NVEB120110WC0FB	162	144	116	97.7	72.9	58.9	50.8	32.3	24.1	19.4	16.2	10.8	9.04
12V 6 OGi 158 LA	NVEB120160WC0FB	244	216	174	146	109	88.4	76.2	48.5	36.2	29.2	24.3	16.2	13.5

1.87 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	298	268	228	195	149	120	103	66.8	50.2	40.9	34.4	23.6	19.6
6V 9 OGi 237 LA	NVEB060240WC0FB	384	356	298	258	186	146	124	79.0	58.7	47.5	39.6	26.2	21.7
6V 10 OGi 304 LA	NVEB060310WC0FB	426	384	325	279	213	172	148	95.5	71.7	58.4	49.2	33.8	28.0
6V 12 OGi 340 LA	NVEB060350WC0FB	512	467	394	339	252	200	172	109	82.2	66.7	55.9	37.8	31.3
12V 2 OGi 61 LA	NVEB120060WC0FB	85.3	76.8	65.1	55.8	42.6	34.4	29.6	19.1	14.3	11.6	9.85	6.76	5.60
12V 4 OGi 105 LA	NVEB120110WC0FB	170	158	132	114	83	65.1	55.4	35.1	26.1	21.1	17.6	11.6	9.66
12V 6 OGi 158 LA	NVEB120160WC0FB	256	237	199	172	124	97.7	83.2	52.6	39.1	31.7	26.4	17.5	14.4

1.85 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	312	285	244	211	158	127	109	69.5	51.8	41.9	35.5	24.5	20.3
6V 9 OGi 237 LA	NVEB060240WC0FB	414	378	313	268	199	155	130	82.4	60.8	49.3	41.2	27.2	22.4
6V 10 OGi 304 LA	NVEB060310WC0FB	446	407	349	302	226	182	156	99.4	74.0	59.8	50.8	35.0	29.0
6V 12 OGi 340 LA	NVEB060350WC0FB	558	509	429	370	268	213	181	114	84.9	68.8	57.9	39.2	32.3
12V 2 OGi 61 LA	NVEB120060WC0FB	89.2	81.4	69.8	60.5	45.3	36.4	31.2	19.8	14.8	11.9	10.1	7.00	5.80
12V 4 OGi 105 LA	NVEB120110WC0FB	194	176	146	125	88.4	69.3	58.2	36.6	27.0	21.9	18.3	12.1	9.97
12V 6 OGi 158 LA	NVEB120160WC0FB	291	265	219	188	132	103	87.3	54.9	40.5	32.8	27.4	18.1	14.9

1.83 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	370	333	268	230	168	133	112	71.6	52.7	42.9	36.1	25.0	20.7
6V 9 OGi 237 LA	NVEB060240WC0FB	488	439	356	300	209	162	135	84.6	61.9	50.4	42.2	28.0	22.9
6V 10 OGi 304 LA	NVEB060310WC0FB	519	467	384	329	240	190	161	102	75.3	61.3	51.6	35.7	29.5
6V 12 OGi 340 LA	NVEB060350WC0FB	628	565	467	398	284	222	186	117	86.5	70.4	59.1	40.1	33.0
12V 2 OGi 61 LA	NVEB120060WC0FB	100	90.7	76.8	65.9	48.1	38.0	32.2	20.4	15.0	12.2	10.3	7.15	5.91
12V 4 OGi 105 LA	NVEB120110WC0FB	217	195	158	133	93.1	72.4	60.1	37.6	27.5	22.4	18.7	12.4	10.2
12V 6 OGi 158 LA	NVEB120160WC0FB	325	293	237	200	139	108	90.2	56.4	41.3	33.6	28.1	18.6	15.3

1.80 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	398	359	293	252	179	140	117	73.6	54.0	43.6	36.9	25.5	21.1
6V 9 OGi 237 LA	NVEB060240WC0FB	523	481	392	331	221	172	140	87.7	63.7	51.7	43.2	29.0	23.7
6V 10 OGi 304 LA	NVEB060310WC0FB	552	513	419	360	256	200	167	105	77.2	62.3	52.7	36.4	30.2
6V 12 OGi 340 LA	NVEB060350WC0FB	680	614	513	437	301	235	194	121	88.8	71.8	60.5	41.2	33.9
12V 2 OGi 61 LA	NVEB120060WC0FB	110	97.7	83.8	72.1	51.2	40.0	33.5	21.0	15.4	12.4	10.5	7.29	6.05
12V 4 OGi 105 LA	NVEB120110WC0FB	232	214	174	147	98.5	76.5	62.4	38.9	28.3	22.9	19.2	12.9	10.5
12V 6 OGi 158 LA	NVEB120160WC0FB	349	321	261	221	147	114	93.7	58.4	42.5	34.4	28.8	19.3	15.8

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Constant current discharge

Type	Part number	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4h	5 h	8 h	10 h
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1.75 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	461	415	338	285	192	148	121	75.0	54.5	44.3	37.4	26.1	21.5
6V 9 OGi 237 LA	NVEB060240WC0FB	611	544	445	366	237	180	145	89.4	64.8	52.5	44.3	29.5	24.1
6V 10 OGi 304 LA	NVEB060310WC0FB	659	593	483	407	275	212	173	107	77.9	63.2	53.5	37.3	30.8
6V 12 OGi 340 LA	NVEB060350WC0FB	803	719	586	488	323	247	201	123	90.0	73.0	61.6	42.1	34.6
12V 2 OGi 61 LA	NVEB120060WC0FB	131	118	96.6	81.4	55.0	42.4	34.7	21.4	15.5	12.6	10.7	7.46	6.16
12V 4 OGi 105 LA	NVEB120110WC0FB	271	242	197	162	105	80.1	64.7	39.7	28.8	23.3	19.7	13.1	10.7
12V 6 OGi 158 LA	NVEB120160WC0FB	407	363	296	244	158	120	97.1	59.6	43.2	35.0	29.5	19.7	16.1

1.70 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	539	472	370	306	199	152	123	76.3	55.4	44.8	37.7	26.2	21.7
6V 9 OGi 237 LA	NVEB060240WC0FB	698	607	476	387	246	183	147	90.7	65.4	52.8	44.5	29.7	24.3
6V 10 OGi 304 LA	NVEB060310WC0FB	770	675	529	438	285	217	176	109	79.2	64.0	53.9	37.5	31.0
6V 12 OGi 340 LA	NVEB060350WC0FB	927	810	635	521	335	252	204	126	91.1	73.6	62.0	42.3	34.8
12V 2 OGi 61 LA	NVEB120060WC0FB	154	135	105	87.6	57.0	43.4	35.2	21.8	15.8	12.8	10.7	7.51	6.20
12V 4 OGi 105 LA	NVEB120110WC0FB	310	270	211	172	109	81.7	65.5	40.3	29.1	23.4	19.7	13.2	10.8
12V 6 OGi 158 LA	NVEB120160WC0FB	465	405	317	258	164	122	98.3	60.5	43.6	35.2	29.6	19.8	16.2

1.65 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	597	521	395	320	203	153	123	76.7	55.6	44.9	37.7	26.3	21.7
6V 9 OGi 237 LA	NVEB060240WC0FB	768	670	502	401	247	185	148	91.2	65.7	53.0	44.5	29.8	24.4
6V 10 OGi 304 LA	NVEB060310WC0FB	854	744	564	457	291	219	177	109	79.5	64.2	53.9	37.6	31.1
6V 12 OGi 340 LA	NVEB060350WC0FB	1024	893	673	542	339	255	205	126	91.5	73.9	62.0	42.5	34.9
12V 2 OGi 61 LA	NVEB120060WC0FB	170	148	112	91.5	58.2	43.9	35.4	21.9	15.9	12.8	10.7	7.53	6.22
12V 4 OGi 105 LA	NVEB120110WC0FB	341	298	223	178	110	82.2	65.9	40.5	29.2	23.5	19.8	13.2	10.8
12V 6 OGi 158 LA	NVEB120160WC0FB	512	447	335	267	165	123	98.9	60.8	43.8	35.3	29.7	19.8	16.2

1.60 Vpc – Discharge in A at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	651	562	415	325	205	154	124	77.0	55.6	45.0	37.9	26.4	21.8
6V 9 OGi 237 LA	NVEB060240WC0FB	855	722	518	408	249	186	149	91.3	66.0	53.1	44.6	29.9	24.5
6V 10 OGi 304 LA	NVEB060310WC0FB	931	803	593	465	292	221	177	110	79.5	64.3	54.1	37.7	31.2
6V 12 OGi 340 LA	NVEB060350WC0FB	1129	963	701	551	342	256	206	126	91.7	74.0	62.2	42.5	35.0
12V 2 OGi 61 LA	NVEB120060WC0FB	186	160	118	93.1	58.5	44.2	35.5	22.0	15.9	12.8	10.8	7.55	6.24
12V 4 OGi 105 LA	NVEB120110WC0FB	380	321	230	181	110	82.7	66.3	40.5	29.3	23.6	19.8	13.2	10.8
12V 6 OGi 158 LA	NVEB120160WC0FB	570	481	345	272	166	124	99.5	60.8	44.0	35.4	29.7	19.9	16.3

Classic Energy Bloc

Constant power discharge

Type	Part number	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4h	5 h	8 h	10 h
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1.90 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	1482	1386	1190	1023	756	640	537	359	273	221	186	131	109
6V 9 OGi 237 LA	NVEB060240WC0FB	1938	1833	1571	1344	969	785	680	436	325	262	220	149	122
6V 10 OGi 304 LA	NVEB060310WC0FB	2118	1980	1700	1462	1080	914	768	513	390	316	266	187	156
6V 12 OGi 340 LA	NVEB060350WC0FB	2562	2410	2067	1773	1294	1072	915	599	451	365	307	212	175
12V 2 OGi 61 LA	NVEB120060WC0FB	847	792	680	585	432	365	307	205	156	126	106	75	62.7
12V 4 OGi 105 LA	NVEB120110WC0FB	1722	1629	1396	1195	861	698	605	388	289	233	196	132	108
12V 6 OGi 158 LA	NVEB120160WC0FB	2584	2444	2095	1792	1292	1047	907	582	434	350	294	199	162

1.87 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	1870	1751	1388	1196	851	706	591	394	298	243	206	145	122
6V 9 OGi 237 LA	NVEB060240WC0FB	2444	2252	1833	1571	1091	867	733	469	349	283	239	162	133
6V 10 OGi 304 LA	NVEB060310WC0FB	2671	2502	1983	1709	1217	1009	844	563	426	348	294	207	174
6V 12 OGi 340 LA	NVEB060350WC0FB	3232	3003	2412	2073	1457	1183	995	651	488	398	336	232	193
12V 2 OGi 61 LA	NVEB120060WC0FB	1068	1001	793	683	486	403	337	225	170	139	117	82.9	69.7
12V 4 OGi 105 LA	NVEB120110WC0FB	2172	2002	1629	1396	970	770	651	417	310	252	212	144	118
12V 6 OGi 158 LA	NVEB120160WC0FB	3259	3003	2444	2095	1455	1156	977	625	465	378	318	216	177

1.85 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	2037	1874	1507	1276	909	742	624	417	312	256	217	153	129
6V 9 OGi 237 LA	NVEB060240WC0FB	2662	2409	1990	1676	1165	910	744	486	357	292	247	168	137
6V 10 OGi 304 LA	NVEB060310WC0FB	2910	2677	2153	1823	1299	1060	892	596	446	366	310	219	184
6V 12 OGi 340 LA	NVEB060350WC0FB	3521	3212	2619	2211	1556	1243	1041	682	506	414	350	243	202
12V 2 OGi 61 LA	NVEB120060WC0FB	1164	1070	861	729	519	424	356	238	178	146	124	87.7	73.7
12V 4 OGi 105 LA	NVEB120110WC0FB	2366	2141	1769	1489	1035	809	675	432	318	259	219	149	122
12V 6 OGi 158 LA	NVEB120160WC0FB	3550	3212	2653	2234	1553	1214	1012	648	477	329	389	224	183

1.83 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	2104	1914	1588	1358	950	769	645	427	316	261	221	156	130
6V 9 OGi 237 LA	NVEB060240WC0FB	2706	2461	2042	1763	1217	945	769	497	365	299	253	171	141
6V 10 OGi 304 LA	NVEB060310WC0FB	3007	2735	2269	1940	1358	1099	921	611	452	373	316	223	186
6V 12 OGi 340 LA	NVEB060350WC0FB	3608	3282	2723	2339	1626	1290	1073	698	515	423	358	248	206
12V 2 OGi 61 LA	NVEB120060WC0FB	1202	1094	907	776	543	439	368	244	181	149	126	89.2	74.5
12V 4 OGi 105 LA	NVEB120110WC0FB	2405	2188	1815	1567	1082	840	694	442	324	265	225	152	126
12V 6 OGi 158 LA	NVEB120160WC0FB	3608	3282	2723	2351	1623	1261	1041	663	486	398	337	229	189

1.80 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	2129	1955	1670	1439	1004	805	672	434	323	264	225	158	132
6V 9 OGi 237 LA	NVEB060240WC0FB	2749	2566	2121	1833	1283	986	787	510	373	305	258	176	145
6V 10 OGi 304 LA	NVEB060310WC0FB	3010	2793	2386	2056	1435	1151	960	620	462	378	322	226	189
6V 12 OGi 340 LA	NVEB060350WC0FB	3621	3387	2845	2456	1716	1348	1111	712	526	430	365	253	210
12V 2 OGi 61 LA	NVEB120060WC0FB	1241	1117	954	822	574	460	384	248	184	151	128	90.6	75.6
12V 4 OGi 105 LA	NVEB120110WC0FB	2444	2281	1885	1629	1140	876	713	453	332	271	229	156	129
12V 6 OGi 158 LA	NVEB120160WC0FB	3666	3422	2828	2444	1711	1315	1070	680	498	407	344	234	193

Classic Energy Bloc

Constant power discharge

Type	Part number	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	4h	5 h	8 h	10 h
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1.75 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	2444	2199	1792	1548	1072	841	692	444	328	268	228	160	132
6V 9 OGi 237 LA	NVEB060240WC0FB	3230	2933	2383	1999	1353	1024	807	521	381	308	261	179	146
6V 10 OGi 304 LA	NVEB060310WC0FB	3492	3142	2560	2211	1532	1202	989	635	468	383	325	229	189
6V 12 OGi 340 LA	NVEB060350WC0FB	4248	3841	3125	2659	1821	1404	1142	728	535	435	370	257	211
12V 2 OGi 61 LA	NVEB120060WC0FB	1396	1257	1024	884	613	481	395	254	187	153	130	91.6	75.7
12V 4 OGi 105 LA	NVEB120110WC0FB	2871	2607	2118	1777	1202	910	732	463	338	274	232	159	129
12V 6 OGi 158 LA	NVEB120160WC0FB	4306	3911	3177	2665	1804	1365	1098	695	508	411	349	239	194

1.70 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	2716	2403	1955	1643	1113	855	705	448	330	269	228	161	133
6V 9 OGi 237 LA	NVEB060240WC0FB	3579	3195	2527	2095	1383	1038	829	521	381	309	262	181	147
6V 10 OGi 304 LA	NVEB060310WC0FB	3880	3433	2793	2347	1590	1222	1008	640	471	385	326	230	190
6V 12 OGi 340 LA	NVEB060350WC0FB	4714	4190	3361	2805	1876	1425	1158	731	537	437	370	259	212
12V 2 OGi 61 LA	NVEB120060WC0FB	1552	1373	1117	938	636	488	403	256	188	154	130	92.2	76
12V 4 OGi 105 LA	NVEB120110WC0FB	3181	2840	2246	1862	1229	923	737	463	338	275	233	161	131
12V 6 OGi 158 LA	NVEB120160WC0FB	4772	4260	3369	2793	1844	1385	1105	695	508	413	350	241	196

1.65 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	2919	2607	2037	1697	1133	864	706	448	330	269	228	161	133
6V 9 OGi 237 LA	NVEB060240WC0FB	3928	3404	2645	2165	1396	1041	833	523	382	310	262	181	148
6V 10 OGi 304 LA	NVEB060310WC0FB	4171	3724	2910	2425	1619	1235	1008	640	472	385	326	231	191
6V 12 OGi 340 LA	NVEB060350WC0FB	5121	4504	3509	2898	1903	1435	1160	733	538	438	370	259	213
12V 2 OGi 61 LA	NVEB120060WC0FB	1668	1489	1164	970	647	494	403	256	188	154	130	92.5	76.4
12V 4 OGi 105 LA	NVEB120110WC0FB	3492	3026	2351	1924	1241	926	741	465	340	275	233	161	131
12V 6 OGi 158 LA	NVEB120160WC0FB	5238	4539	3526	2886	1862	1389	1111	698	510	413	350	242	197

1.60 Vpc – Discharge in W/block at 20 °C

6V 7 OGi 213 LA	NVEB060215WC0FB	3123	2688	2118	1738	1140	869	706	448	330	269	228	162	134
6V 9 OGi 237 LA	NVEB060240WC0FB	4190	3561	2697	2199	1401	1044	833	523	382	311	263	182	148
6V 10 OGi 304 LA	NVEB060310WC0FB	4462	3841	3026	2483	1629	1241	1008	640	472	385	326	232	191
6V 12 OGi 340 LA	NVEB060350WC0FB	5470	4679	3614	2956	1911	1441	1161	733	538	438	371	260	214
12V 2 OGi 61 LA	NVEB120060WC0FB	1784	1536	1210	993	651	496	403	256	188	154	130	92.8	76.7
12V 4 OGi 105 LA	NVEB120110WC0FB	3724	3166	2397	1955	1245	928	741	465	340	276	233	161	132
12V 6 OGi 158 LA	NVEB120160WC0FB	5587	4749	3596	2933	1868	1392	1111	698	510	414	350	242	198