



Industrial Batteries – Network Power
Classic OGi
Suitable universal energy storage.

Specifications

Optimized graduated battery sizes with excellent voltage levels.

Specifications

- Classic OGi batteries are low maintenance lead acid batteries with liquid electrolyte. Due to their excellent voltage level in all load conditions they are ideal for high current applications with short discharge times
- High reliability, robustness and long design life
- Low maintenance due to reduced antimony in the alloy and high electrolyte reserve
- Nominal capacity 50 – 1600 Ah C₁₀
- 15 years design life at 20 °C ambient temperature 80% remaining capacity from C₁₀)
- Containers made from high-quality transparent plastics
- Positive and negative grid plates
- Low gassing due to antimony alloy less 3% (EN 50272-2)
- Also available in dry charged condition with separate electrolyte
- Easy installation due to maintenance free screw connectors with insulated protection covers
- Completely recyclable



More power for Network Power.

Applications

Classic OGi batteries are suitable, universal, reliable energy storage solutions for UPS systems, in telecom, power and railway systems as well as in emergency lighting and all other power supplies for safety systems.



 Design life in years: 15	 Nominal capacity 50.0 – 1600 Ah	 Single cell	 Grid plate
 Recyclable	 Low maintenance	 Special high current performance	

Type	Part number	Nom. voltage	Nominal capacity	Length (l)	Installed length (L)	Width (b/w)	Height (h1)	Weight incl. acid	Weight acid	Internal resistance	Short circuit current	Terminal	Pole pairs
		V	C ₁₀ 1.80 Vpc 20 °C Ah	max. mm	mm	max. mm	max. mm	approx. kg	approx. kg	mOhm	A		
2 OGi 50 LA	NVFP020050WC0MA	2	50.0	69.0	79.0	160	351	6.30	2.30	2.90	700	M-M8	1
3 OGi 75 LA	NVFP020075WC0MA	2	75.0	69.0	79.0	160	351	7.00	2.10	2.00	1020	M-M8	1
4 OGi 100 LA	NVFP020100WC0MA	2	100	125	135	160	384	11.5	4.90	1.50	1360	M-M8	1
6 OGi 150 LA	NVFP020150WC0MA	2	150	125	135	160	384	13.3	4.60	1.10	1850	M-M8	1
8 OGi 200 LA	NVFP020200WC0MA	2	200	155	165	160	384	16.8	5.80	0.85	2400	M-M8	1
10 OGi 250 LA	NVFP020250WC0MA	2	250	194	204	160	384	20.9	7.30	0.72	2800	M-M8	1
4 OGi 260 LA	NVFP020260WC0MA	2	260	124	134	206	528	20.8	8.20	0.65	3150	M-M12	1
5 OGi 325 LA	NVFP020325WC0MA	2	325	124	134	206	528	22.9	7.90	0.54	3800	M-M12	1
6 OGi 370 LA	NVFP020370WC0MA	2	370	124	134	206	528	24.7	7.50	0.47	4350	M-M12	1
7 OGi 410 LA	NVFP020410WC0MA	2	410	124	134	206	528	26.6	7.30	0.42	4880	M-M12	1
8 OGi 440 LA	NVFP020440WC0MA	2	440	124	134	206	528	28.5	7.10	0.38	5400	M-M12	1
9 OGi 470 LA	NVFP020470WC0MA	2	470	124	134	206	528	30.6	6.90	0.35	5850	M-M12	1
10 OGi 530 LA	NVFP020530WC0MA	2	530	145	155	206	528	34.0	8.10	0.32	6300	M-M12	1
11 OGi 580 LA	NVFP020580WC0MA	2	580	166	176	206	528	38.3	9.80	0.30	6700	M-M12	1
12 OGi 620 LA	NVFP020620WC0MA	2	620	166	176	206	528	40.0	9.40	0.29	7050	M-M12	1
12 OGi 730 LA	NVFP020730WC0MA	2	730	210	220	254	528	50.3	17.5	0.25	8200	M-M12	2
14 OGi 800 LA	NVFP020800WC0MA	2	800	210	220	254	528	52.6	15.9	0.21	9750	M-M12	2
16 OGi 880 LA	NVFP020880WC0MA	2	880	210	220	254	528	56.6	15.5	0.19	10750	M-M12	2
19 OGi 1000 LA	NVFP021000WC0MA	2	1000	210	220	254	528	62.5	14.9	0.17	12050	M-M12	2
16 OGi 1260 LA	NVFP021260WC0MA	2	1260	210	220	233	699	78.2	18.3	0.16	12800	M-M12	2
18 OGi 1340 LA	NVFP021340WC0MA	2	1340	210	220	233	699	85.2	19.7	0.15	13600	M-M12	2
20 OGi 1520 LA	NVFP021520WC0MA	2	1520	210	220	275	699	95.2	22.3	0.14	14600	M-M12	2
22 OGi 1600 LA	NVFP021600WC0MA	2	1600	210	220	275	699	103	23.3	0.13	15750	M-M12	2

The above mentioned height can differ depending on the used vents

Acid density: 2 OGi 50 – 10 OGi 250 $d_N=1.24$ kg/l 4 OGi 260 – 22 OGi 1600 $d_N=1.26$ kg/l

Data are also valid for dry charged version.

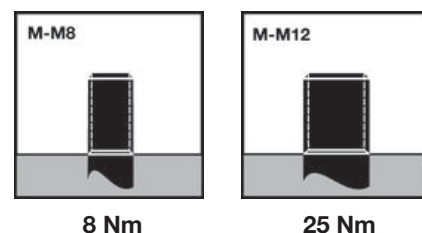
Change "W" (Wet) to "D" (Dry) in the partnumber.

E.g.:

filled and charged NVFP020050 W C0MA

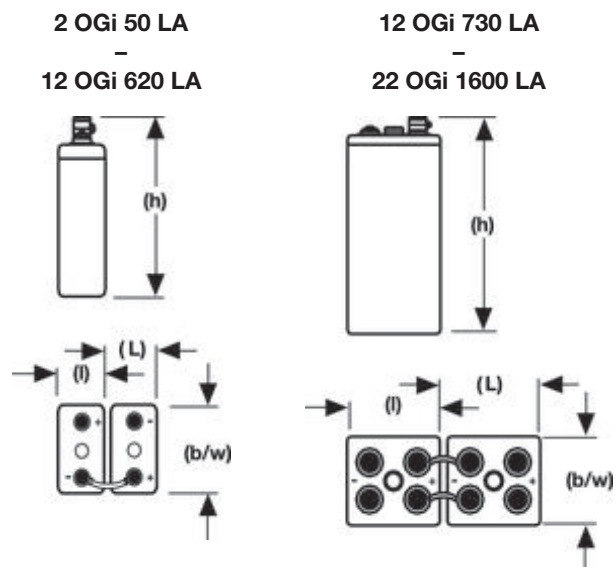
dry charged NVFP020050 D C0MA

Container, terminal and torque



Container: SAN (Styrolacrylnitril)

Drawings with terminal position



Not to scale!

Constant Current Discharge

1.85 Vpc – Discharge in A at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	42.3	42.3	37.5	33.8	30.9	26.5	22.6	19.8	14.0	11.0	7.80	5.60	4.80
3 OGi 75 LA	NVFP020075WC0MA	63.4	63.4	56.3	50.6	46.4	39.8	33.9	29.7	21.0	16.4	11.7	8.30	7.10
4 OGi 100 LA	NVFP020100WC0MA	77.9	77.9	70.0	63.5	58.6	50.8	43.5	38.4	27.6	21.2	15.5	11.3	9.90
6 OGi 150 LA	NVFP020150WC0MA	107	107	97.6	89.3	83.0	73.0	62.6	55.8	40.7	31.8	23.3	17.0	14.9
8 OGi 200 LA	NVFP020200WC0MA	129	129	120	111	104	93.0	80.1	72.0	53.3	42.4	31.0	22.6	19.8
10 OGi 250 LA	NVFP020250WC0MA	145	145	138	129	122	111	95.8	87.0	65.5	53.0	38.8	28.3	24.8
4 OGi 260 LA	NVFP020260WC0MA	206	198	187	179	161	143	122	107	74.1	57.2	41.6	30.7	25.2
5 OGi 325 LA	NVFP020325WC0MA	258	247	234	224	201	179	153	134	92.6	71.5	52.0	38.0	31.0
6 OGi 370 LA	NVFP020370WC0MA	305	295	273	259	237	211	181	157	108	80.6	58.4	42.7	34.9
7 OGi 410 LA	NVFP020410WC0MA	353	343	313	293	273	244	209	181	123	89.7	64.8	47.1	38.6
8 OGi 440 LA	NVFP020440WC0MA	400	390	352	327	308	277	237	204	138	98.8	71.2	50.8	41.7
9 OGi 470 LA	NVFP020470WC0MA	448	438	392	361	344	309	265	228	153	108	77.7	55.0	45.1
10 OGi 530 LA	NVFP020530WC0MA	472	463	422	389	370	333	287	250	170	124	86.9	62.0	50.1
11 OGi 580 LA	NVFP020580WC0MA	497	489	453	418	396	357	309	272	187	139	96.2	67.1	55.1
12 OGi 620 LA	NVFP020620WC0MA	521	514	484	446	422	381	332	295	205	155	105	73.2	60.1
12 OGi 730 LA	NVFP020730WC0MA	610	599	551	515	478	431	372	331	235	175	122	86.2	70.8
14 OGi 800 LA	NVFP020800WC0MA	716	692	640	600	562	516	424	372	256	191	132	94.6	77.6
16 OGi 880 LA	NVFP020880WC0MA	769	745	684	644	597	549	458	402	276	206	142	102	83.8
19 OGi 1000 LA	NVFP021000WC0MA	850	826	749	710	649	599	509	447	307	229	158	116	95.0
16 OGi 1260 LA	NVFP021260WC0MA	955	939	866	817	768	686	601	532	375	296	206	143	119
18 OGi 1340 LA	NVFP021340WC0MA	1015	999	921	869	817	730	639	566	399	314	219	152	127
20 OGi 1520 LA	NVFP021520WC0MA	1038	1013	960	908	869	798	699	632	451	355	249	173	143
22 OGi 1600 LA	NVFP021600WC0MA	1092	1067	1011	956	915	840	736	665	475	374	262	182	151

1.80 Vpc – Discharge in A at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	59.0	55.0	47.6	41.4	37.3	31.0	25.5	22.0	15.0	11.7	8.30	5.80	5.00
3 OGi 75 LA	NVFP020075WC0MA	88.5	82.5	71.4	62.0	55.9	46.5	38.3	33.0	22.5	17.6	12.4	8.70	7.50
4 OGi 100 LA	NVFP020100WC0MA	108	101	88.9	78.2	70.9	59.7	49.3	42.8	29.6	22.9	16.6	11.9	10.3
6 OGi 150 LA	NVFP020150WC0MA	146	139	124	110	101	86.1	71.3	62.5	43.9	34.4	24.9	17.9	15.5
8 OGi 200 LA	NVFP020200WC0MA	174	169	152	138	128	110	91.7	81.0	57.8	45.8	33.2	23.8	20.6
10 OGi 250 LA	NVFP020250WC0MA	191	190	175	161	151	132	110	98.3	71.3	57.3	41.5	29.8	25.8
4 OGi 260 LA	NVFP020260WC0MA	263	247	229	217	188	163	137	115	79.3	60.3	44.2	32.0	26.0
5 OGi 325 LA	NVFP020325WC0MA	328	309	286	271	235	203	171	148	99.1	75.4	55.3	39.0	32.0
6 OGi 370 LA	NVFP020370WC0MA	389	369	334	312	277	242	202	175	116	86.0	62.0	44.6	37.0
7 OGi 410 LA	NVFP020410WC0MA	450	429	381	353	320	280	234	200	132	96.5	68.8	49.3	41.0
8 OGi 440 LA	NVFP020440WC0MA	510	489	429	394	362	318	266	225	149	107	75.5	53.5	44.0
9 OGi 470 LA	NVFP020470WC0MA	571	550	477	435	405	356	298	250	165	118	82.3	57.6	47.0
10 OGi 530 LA	NVFP020530WC0MA	601	581	519	473	438	385	323	275	183	134	92.1	64.6	53.0
11 OGi 580 LA	NVFP020580WC0MA	631	613	560	510	472	414	349	300	202	150	102	70.7	58.0
12 OGi 620 LA	NVFP020620WC0MA	660	644	601	548	505	443	375	330	220	166	112	75.6	62.0
12 OGi 730 LA	NVFP020730WC0MA	799	770	690	633	584	521	416	365	248	186	127	87.0	73.0
14 OGi 800 LA	NVFP020800WC0MA	936	892	808	740	684	616	484	410	276	204	140	97.5	80.0
16 OGi 880 LA	NVFP020880WC0MA	1004	960	861	794	722	646	523	450	298	220	151	106	88.0
19 OGi 1000 LA	NVFP021000WC0MA	1106	1061	939	875	780	692	581	500	331	245	168	122	100
16 OGi 1260 LA	NVFP021260WC0MA	1186	1162	1055	984	914	806	694	604	415	321	220	152	126
18 OGi 1340 LA	NVFP021340WC0MA	1262	1236	1122	1046	972	857	738	643	442	341	234	162	134
20 OGi 1520 LA	NVFP021520WC0MA	1299	1263	1184	1106	1048	950	813	729	501	387	266	183	152
22 OGi 1600 LA	NVFP021600WC0MA	1368	1329	1246	1164	1104	1000	856	768	528	408	280	193	160

Constant Current Discharge



1.75 Vpc – Discharge in A at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	69.5	67.3	56.6	47.8	42.3	34.4	27.4	23.4	15.7	12.2	8.60	6.00	5.10
3 OGi 75 LA	NVFP020075WC0MA	104	101	84.9	71.6	63.5	51.6	41.0	35.0	23.5	18.2	12.8	9.00	7.70
4 OGi 100 LA	NVFP020100WC0MA	128	124	106	90.6	80.9	66.5	53.2	45.7	30.9	23.8	17.2	12.2	10.5
6 OGi 150 LA	NVFP020150WC0MA	175	170	147	128	116	96.3	77.6	67.0	45.8	35.8	25.8	18.3	15.8
8 OGi 200 LA	NVFP020200WC0MA	211	206	181	161	147	124	101	87.3	60.4	47.7	34.4	24.4	21.0
10 OGi 250 LA	NVFP020250WC0MA	236	232	207	190	175	149	122	107	74.5	59.6	43.0	30.5	26.3
4 OGi 260 LA	NVFP020260WC0MA	318	295	266	247	210	176	146	125	82.7	62.1	45.5	32.8	26.5
5 OGi 325 LA	NVFP020325WC0MA	397	369	332	309	262	220	183	156	103	77.7	56.9	40.8	33.1
6 OGi 370 LA	NVFP020370WC0MA	471	440	389	357	310	262	217	184	121	89.4	63.8	45.7	37.7
7 OGi 410 LA	NVFP020410WC0MA	544	512	446	404	359	305	252	212	138	101	70.8	50.0	41.8
8 OGi 440 LA	NVFP020440WC0MA	618	583	502	452	407	347	286	240	155	113	77.7	54.0	44.9
9 OGi 470 LA	NVFP020470WC0MA	691	654	559	500	456	390	321	267	172	125	84.6	57.8	47.9
10 OGi 530 LA	NVFP020530WC0MA	726	692	607	545	496	423	349	296	191	140	94.4	65.0	54.1
11 OGi 580 LA	NVFP020580WC0MA	761	729	655	591	536	456	378	324	209	155	104	71.0	59.2
12 OGi 620 LA	NVFP020620WC0MA	796	766	704	637	577	490	406	352	228	171	114	76.0	63.2
12 OGi 730 LA	NVFP020730WC0MA	971	920	807	719	653	568	451	392	258	193	132	87.0	74.5
14 OGi 800 LA	NVFP020800WC0MA	1132	1068	948	854	776	688	528	448	288	212	146	98.0	81.6
16 OGi 880 LA	NVFP020880WC0MA	1221	1155	1017	921	825	720	570	484	311	229	158	107	89.8
19 OGi 1000 LA	NVFP021000WC0MA	1356	1286	1121	1020	898	767	634	538	346	254	175	122	102
16 OGi 1260 LA	NVFP021260WC0MA	1413	1367	1232	1134	1045	907	769	661	441	333	226	154	128
18 OGi 1340 LA	NVFP021340WC0MA	1503	1453	1310	1206	1112	964	818	703	469	355	241	164	136
20 OGi 1520 LA	NVFP021520WC0MA	1550	1500	1390	1287	1205	1076	904	799	532	402	273	186	155
22 OGi 1600 LA	NVFP021600WC0MA	1632	1579	1464	1355	1268	1132	952	841	560	424	288	196	163

1.70 Vpc – Discharge in A at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	83.0	79.0	64.5	53.3	46.3	36.9	28.4	24.3	16.0	12.3	8.70	6.00	5.10
3 OGi 75 LA	NVFP020075WC0MA	125	119	96.8	79.9	69.5	55.4	42.5	36.4	24.0	18.5	13.1	9.00	7.70
4 OGi 100 LA	NVFP020100WC0MA	153	146	121	101	88.9	71.7	55.7	47.6	31.6	24.2	17.5	12.4	10.6
6 OGi 150 LA	NVFP020150WC0MA	209	200	168	144	128	104	82.0	70.1	46.9	36.2	26.3	18.5	15.8
8 OGi 200 LA	NVFP020200WC0MA	251	242	207	182	163	135	107	91.8	61.8	48.3	35.0	24.7	21.1
10 OGi 250 LA	NVFP020250WC0MA	281	272	238	214	194	163	132	113	76.3	60.4	43.8	30.9	26.4
4 OGi 260 LA	NVFP020260WC0MA	373	343	300	272	228	187	153	128	84.8	62.9	45.9	33.1	26.8
5 OGi 325 LA	NVFP020325WC0MA	466	429	375	340	285	234	191	160	106	78.7	57.4	41.3	33.5
6 OGi 370 LA	NVFP020370WC0MA	552	511	441	395	339	280	228	191	124	91.3	64.5	46.1	38.1
7 OGi 410 LA	NVFP020410WC0MA	638	593	507	450	393	326	265	221	141	104	71.6	50.5	42.2
8 OGi 440 LA	NVFP020440WC0MA	724	675	572	505	447	372	301	251	159	117	78.8	54.0	45.3
9 OGi 470 LA	NVFP020470WC0MA	810	757	638	560	501	419	338	281	177	129	85.9	58.0	48.4
10 OGi 530 LA	NVFP020530WC0MA	851	800	689	612	547	455	369	311	195	144	95.9	65.0	54.6
11 OGi 580 LA	NVFP020580WC0MA	891	842	741	663	593	491	400	340	214	159	106	71.0	59.7
12 OGi 620 LA	NVFP020620WC0MA	931	885	792	715	639	527	431	369	233	174	116	76.0	63.9
12 OGi 730 LA	NVFP020730WC0MA	1128	1055	907	800	717	609	486	414	264	196	134	87.2	75.2
14 OGi 800 LA	NVFP020800WC0MA	1308	1228	1066	948	852	744	562	472	296	217	150	98.0	82.4
16 OGi 880 LA	NVFP020880WC0MA	1425	1339	1158	1030	913	779	607	510	320	234	162	107	90.6
19 OGi 1000 LA	NVFP021000WC0MA	1599	1505	1296	1152	1006	832	674	566	355	260	180	122	103
16 OGi 1260 LA	NVFP021260WC0MA	1638	1561	1398	1270	1162	994	829	703	454	340	230	156	129
18 OGi 1340 LA	NVFP021340WC0MA	1742	1660	1487	1350	1236	1057	881	747	483	361	245	166	138
20 OGi 1520 LA	NVFP021520WC0MA	1798	1728	1582	1453	1345	1179	980	851	548	411	278	188	155
22 OGi 1600 LA	NVFP021600WC0MA	1892	1819	1665	1529	1416	1241	1032	896	577	433	292	198	164

Constant Current Discharge

1.65 Vpc – Discharge in A at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	96.5	90.8	71.4	58.0	49.3	38.6	29.1	24.9	16.3	12.4	8.70	6.00	5.10
3 OGi 75 LA	NVFP020075WC0MA	145	136	107	87.0	74.0	57.9	43.7	37.3	24.4	18.6	13.1	9.00	7.70
4 OGi 100 LA	NVFP020100WC0MA	177	167	134	111	95.1	75.4	57.6	49.0	32.1	24.3	17.5	12.4	10.6
6 OGi 150 LA	NVFP020150WC0MA	242	229	187	158	137	110	85.5	72.4	47.6	36.5	26.3	18.5	15.8
8 OGi 200 LA	NVFP020200WC0MA	292	276	231	199	176	144	113	95.1	62.8	48.6	35.0	24.7	21.1
10 OGi 250 LA	NVFP020250WC0MA	325	310	266	236	211	175	140	117	77.5	60.8	43.8	30.9	26.4
4 OGi 260 LA	NVFP020260WC0MA	427	391	334	292	245	197	159	130	86.1	63.3	45.9	33.1	26.8
5 OGi 325 LA	NVFP020325WC0MA	534	488	418	365	306	247	198	162	108	79.1	57.4	41.3	33.5
6 OGi 370 LA	NVFP020370WC0MA	632	580	492	428	365	296	237	195	126	92.5	64.7	46.1	38.1
7 OGi 410 LA	NVFP020410WC0MA	731	673	566	491	425	346	275	228	144	106	72.1	50.5	42.2
8 OGi 440 LA	NVFP020440WC0MA	830	765	641	554	484	396	313	260	162	119	79.4	54.0	45.3
9 OGi 470 LA	NVFP020470WC0MA	929	857	715	618	544	445	351	293	180	133	86.8	58.0	48.4
10 OGi 530 LA	NVFP020530WC0MA	974	906	766	673	594	484	385	323	199	147	96.9	65.0	54.6
11 OGi 580 LA	NVFP020580WC0MA	1019	954	818	728	644	523	419	353	217	162	107	71.0	59.7
12 OGi 620 LA	NVFP020620WC0MA	1064	1003	869	783	694	561	453	383	236	177	117	76.0	63.9
12 OGi 730 LA	NVFP020730WC0MA	1274	1179	996	870	777	642	505	425	268	199	136	87.6	75.2
14 OGi 800 LA	NVFP020800WC0MA	1472	1382	1170	1032	920	792	589	492	302	220	154	98.0	82.4
16 OGi 880 LA	NVFP020880WC0MA	1619	1517	1288	1129	996	833	636	531	327	238	166	107	90.6
19 OGi 1000 LA	NVFP021000WC0MA	1839	1719	1465	1273	1109	895	707	590	363	264	184	122	103
16 OGi 1260 LA	NVFP021260WC0MA	1861	1752	1556	1397	1267	1068	873	733	462	343	230	156	129
18 OGi 1340 LA	NVFP021340WC0MA	1979	1863	1654	1486	1348	1136	928	779	491	365	245	166	138
20 OGi 1520 LA	NVFP021520WC0MA	2045	1951	1760	1603	1469	1266	1042	887	557	414	278	188	155
22 OGi 1600 LA	NVFP021600WC0MA	2153	2054	1852	1688	1547	1332	1097	934	587	436	292	198	164

1.60 Vpc – Discharge in A at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	110	103	77.3	62.0	51.4	39.6	29.8	25.3	16.5	12.5	8.70	6.00	5.10
3 OGi 75 LA	NVFP020075WC0MA	165	154	116	93.0	77.0	59.4	44.6	38.0	24.7	18.7	13.1	9.00	7.70
4 OGi 100 LA	NVFP020100WC0MA	202	188	145	119	99.7	77.9	59.2	50.0	32.5	24.3	17.5	12.4	10.6
6 OGi 150 LA	NVFP020150WC0MA	276	258	204	170	145	115	88.4	74.0	48.2	36.5	26.3	18.5	15.8
8 OGi 200 LA	NVFP020200WC0MA	332	310	254	215	187	150	117	97.3	63.6	48.6	35.0	24.7	21.1
10 OGi 250 LA	NVFP020250WC0MA	369	346	295	256	226	185	146	120	78.5	60.8	43.8	30.9	26.4
4 OGi 260 LA	NVFP020260WC0MA	481	438	368	308	261	207	163	131	86.9	63.6	45.9	33.1	26.8
5 OGi 325 LA	NVFP020325WC0MA	602	547	460	384	327	258	203	164	109	79.5	57.4	41.3	33.5
6 OGi 370 LA	NVFP020370WC0MA	713	650	543	457	391	312	243	199	127	93.3	64.9	46.1	38.1
7 OGi 410 LA	NVFP020410WC0MA	824	752	625	529	456	365	283	234	146	107	72.3	50.5	42.2
8 OGi 440 LA	NVFP020440WC0MA	935	855	708	602	521	418	323	269	164	121	79.8	54.0	45.3
9 OGi 470 LA	NVFP020470WC0MA	1046	957	791	674	586	472	363	304	183	135	87.3	58.0	48.4
10 OGi 530 LA	NVFP020530WC0MA	1096	1011	839	730	640	512	400	334	201	150	97.5	65.0	54.6
11 OGi 580 LA	NVFP020580WC0MA	1146	1065	887	786	693	553	437	365	220	165	108	71.0	59.7
12 OGi 620 LA	NVFP020620WC0MA	1197	1119	935	843	747	594	473	395	238	180	118	76.0	63.9
12 OGi 730 LA	NVFP020730WC0MA	1413	1296	1080	937	832	675	523	435	273	203	138	88.0	75.2
14 OGi 800 LA	NVFP020800WC0MA	1628	1534	1260	1112	982	815	614	510	308	224	156	98.0	82.4
16 OGi 880 LA	NVFP020880WC0MA	1781	1693	1408	1222	1073	884	664	551	333	242	168	107	90.6
19 OGi 1000 LA	NVFP021000WC0MA	2010	1932	1630	1387	1210	955	737	612	370	269	187	122	103
16 OGi 1260 LA	NVFP021260WC0MA	2084	1944	1706	1517	1360	1131	904	752	466	343	230	156	129
18 OGi 1340 LA	NVFP021340WC0MA	2216	2067	1814	1613	1447	1203	962	799	495	365	245	166	138
20 OGi 1520 LA	NVFP021520WC0MA	2293	2173	1925	1738	1580	1337	1094	912	562	414	278	188	155
22 OGi 1600 LA	NVFP021600WC0MA	2414	2288	2027	1830	1664	1408	1152	960	592	436	292	198	164

Constant Power Discharge



1.85 Vpc – Discharge in W/cell at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	78.6	78.6	70.1	63.3	58.2	50.1	43.0	37.9	27.1	21.3	15.3	10.9	9.40
3 OGi 75 LA	NVFP020075WC0MA	118	118	105	95.0	87.2	75.2	64.5	56.8	40.6	31.9	22.9	16.4	14.1
4 OGi 100 LA	NVFP020100WC0MA	145	145	131	119	110	96.2	82.8	73.4	53.3	41.2	30.3	22.2	19.5
6 OGi 150 LA	NVFP020150WC0MA	199	199	182	167	156	138	119	107	78.6	61.8	45.5	33.3	29.3
8 OGi 200 LA	NVFP020200WC0MA	241	240	225	208	196	176	152	138	103	82.3	60.6	44.5	39.0
10 OGi 250 LA	NVFP020250WC0MA	270	270	258	242	230	210	182	166	127	103	75.8	55.6	48.8
4 OGi 260 LA	NVFP020260WC0MA	383	367	349	336	302	270	232	204	143	111	81.0	60.0	50.0
5 OGi 325 LA	NVFP020325WC0MA	479	459	436	420	378	337	290	255	178	139	102	75.0	61.0
6 OGi 370 LA	NVFP020370WC0MA	567	548	510	484	445	399	343	300	207	156	114	84.0	69.0
7 OGi 410 LA	NVFP020410WC0MA	655	636	583	548	512	460	396	345	236	174	127	93.0	76.0
8 OGi 440 LA	NVFP020440WC0MA	743	725	657	612	579	522	450	390	265	192	139	100	82.0
9 OGi 470 LA	NVFP020470WC0MA	831	814	730	676	646	583	503	434	294	209	152	108	89.0
10 OGi 530 LA	NVFP020530WC0MA	876	861	787	729	695	629	545	477	327	240	170	122	99.0
11 OGi 580 LA	NVFP020580WC0MA	922	908	845	782	743	674	587	519	361	270	188	132	109
12 OGi 620 LA	NVFP020620WC0MA	967	955	902	835	792	719	630	561	394	301	206	144	118
12 OGi 730 LA	NVFP020730WC0MA	1131	1112	1028	963	898	812	706	631	452	339	239	170	139
14 OGi 800 LA	NVFP020800WC0MA	1328	1286	1194	1123	1056	973	805	710	493	371	257	186	153
16 OGi 880 LA	NVFP020880WC0MA	1427	1385	1275	1206	1121	1036	869	767	532	400	278	201	165
19 OGi 1000 LA	NVFP021000WC0MA	1576	1534	1397	1330	1219	1130	966	852	591	445	309	228	187
16 OGi 1260 LA	NVFP021260WC0MA	1771	1748	1618	1530	1443	1294	1135	1011	719	570	400	281	235
18 OGi 1340 LA	NVFP021340WC0MA	1884	1859	1721	1628	1535	1376	1208	1075	765	606	426	299	250
20 OGi 1520 LA	NVFP021520WC0MA	1925	1885	1793	1701	1632	1504	1321	1200	865	685	483	339	282
22 OGi 1600 LA	NVFP021600WC0MA	2027	1984	1887	1791	1718	1583	1391	1263	910	721	509	357	297

1.80 Vpc – Discharge in W/cell at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	107	100	87.1	76.1	68.9	57.7	47.9	41.5	28.8	22.6	16.1	11.4	9.80
3 OGi 75 LA	NVFP020075WC0MA	161	150	131	114	103	86.6	71.8	62.3	43.2	33.9	24.1	17.1	14.7
4 OGi 100 LA	NVFP020100WC0MA	195	184	163	144	131	111	92.5	80.9	56.8	44.3	32.3	23.3	20.2
6 OGi 150 LA	NVFP020150WC0MA	265	253	226	203	187	160	134	118	84.2	66.4	48.5	35.0	30.4
8 OGi 200 LA	NVFP020200WC0MA	315	307	279	254	236	205	172	153	111	88.5	64.7	46.6	40.5
10 OGi 250 LA	NVFP020250WC0MA	347	345	319	297	278	246	207	185	137	111	80.8	58.3	50.6
4 OGi 260 LA	NVFP020260WC0MA	475	448	417	398	346	302	255	216	151	116	86.0	63.0	51.0
5 OGi 325 LA	NVFP020325WC0MA	593	559	521	497	433	377	319	278	189	145	107	76.0	63.0
6 OGi 370 LA	NVFP020370WC0MA	703	669	608	572	511	448	378	329	221	165	121	87.0	73.0
7 OGi 410 LA	NVFP020410WC0MA	812	778	696	648	589	519	438	376	252	186	134	96.0	80.0
8 OGi 440 LA	NVFP020440WC0MA	922	887	783	723	667	590	497	422	284	206	147	105	86.0
9 OGi 470 LA	NVFP020470WC0MA	1032	996	870	798	745	661	557	470	315	226	160	113	92.0
10 OGi 530 LA	NVFP020530WC0MA	1086	1053	946	867	807	715	605	517	350	257	179	126	104
11 OGi 580 LA	NVFP020580WC0MA	1139	1110	1021	936	869	768	653	564	385	288	198	138	114
12 OGi 620 LA	NVFP020620WC0MA	1193	1167	1097	1005	931	822	701	621	420	319	217	148	122
12 OGi 730 LA	NVFP020730WC0MA	1444	1396	1258	1161	1076	966	778	686	473	358	247	170	143
14 OGi 800 LA	NVFP020800WC0MA	1691	1616	1474	1357	1260	1143	905	771	527	393	272	191	157
16 OGi 880 LA	NVFP020880WC0MA	1814	1739	1570	1456	1331	1199	977	846	569	424	294	207	173
19 OGi 1000 LA	NVFP021000WC0MA	1998	1922	1713	1604	1437	1284	1086	940	632	471	327	240	196
16 OGi 1260 LA	NVFP021260WC0MA	2144	2107	1923	1798	1681	1488	1291	1130	788	614	425	296	247
18 OGi 1340 LA	NVFP021340WC0MA	2280	2241	2045	1913	1788	1583	1373	1202	838	653	452	315	262
20 OGi 1520 LA	NVFP021520WC0MA	2348	2288	2157	2022	1927	1753	1512	1364	951	741	512	358	298
22 OGi 1600 LA	NVFP021600WC0MA	2471	2409	2270	2129	2029	1846	1592	1436	1001	780	539	377	313

Constant Power Discharge

1.75 Vpc – Discharge in W/cell at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	123	120	102	86.5	77.1	63.3	50.8	43.7	29.9	23.4	16.6	11.7	10.0
3 OGi 75 LA	NVFP020075WC0MA	185	180	153	130	116	94.9	76.2	65.6	44.8	35.1	24.9	17.5	15.0
4 OGi 100 LA	NVFP020100WC0MA	227	221	190	164	147	122	98.8	85.5	59.0	45.9	33.4	23.9	20.6
6 OGi 150 LA	NVFP020150WC0MA	311	304	265	233	211	177	144	125	87.4	68.9	50.1	35.8	30.9
8 OGi 200 LA	NVFP020200WC0MA	375	368	326	293	268	228	187	163	115	91.8	66.8	47.7	41.2
10 OGi 250 LA	NVFP020250WC0MA	419	413	373	343	318	274	227	199	142	115	83.5	59.7	51.5
4 OGi 260 LA	NVFP020260WC0MA	560	522	474	443	378	320	269	232	157	119	88.0	64.0	51.0
5 OGi 325 LA	NVFP020325WC0MA	700	652	592	554	472	400	336	290	196	149	110	80.0	64.0
6 OGi 370 LA	NVFP020370WC0MA	829	778	693	640	560	478	400	342	228	171	124	89.0	73.0
7 OGi 410 LA	NVFP020410WC0MA	959	904	794	725	647	555	464	393	261	194	137	98.0	80.0
8 OGi 440 LA	NVFP020440WC0MA	1088	1030	895	811	735	633	527	445	293	216	150	105	86.0
9 OGi 470 LA	NVFP020470WC0MA	1218	1156	996	897	822	710	591	497	326	239	164	113	92.0
10 OGi 530 LA	NVFP020530WC0MA	1279	1222	1082	979	895	771	643	549	361	268	183	127	104
11 OGi 580 LA	NVFP020580WC0MA	1341	1288	1168	1060	967	832	696	602	397	297	202	138	114
12 OGi 620 LA	NVFP020620WC0MA	1402	1354	1254	1142	1040	892	748	654	432	327	221	148	122
12 OGi 730 LA	NVFP020730WC0MA	1710	1625	1437	1290	1179	1035	831	728	489	370	256	170	143
14 OGi 800 LA	NVFP020800WC0MA	1993	1887	1689	1533	1400	1254	973	832	546	405	283	191	157
16 OGi 880 LA	NVFP020880WC0MA	2151	2042	1813	1652	1488	1311	1050	899	589	438	305	208	173
19 OGi 1000 LA	NVFP021000WC0MA	2387	2273	1998	1830	1619	1397	1167	999	655	486	339	240	196
16 OGi 1260 LA	NVFP021260WC0MA	2488	2411	2190	2023	1878	1644	1410	1220	829	633	434	300	251
18 OGi 1340 LA	NVFP021340WC0MA	2646	2564	2330	2151	1997	1749	1499	1297	881	673	461	319	267
20 OGi 1520 LA	NVFP021520WC0MA	2728	2646	2472	2296	2164	1951	1656	1475	1000	764	523	362	302
22 OGi 1600 LA	NVFP021600WC0MA	2872	2785	2602	2417	2278	2053	1744	1552	1052	804	551	381	318

1.70 Vpc – Discharge in W/cell at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	144	138	114	95.1	83.3	67.3	52.4	45.2	30.4	23.7	16.9	11.8	10.0
3 OGi 75 LA	NVFP020075WC0MA	217	207	171	143	125	101	78.5	67.8	45.6	35.6	25.3	17.7	15.1
4 OGi 100 LA	NVFP020100WC0MA	265	255	213	181	160	131	103	88.7	60.2	46.5	34.0	24.1	20.7
6 OGi 150 LA	NVFP020150WC0MA	363	350	297	257	230	190	151	131	89.2	69.7	50.9	36.2	31.0
8 OGi 200 LA	NVFP020200WC0MA	438	423	366	324	293	246	198	171	117	92.9	67.9	48.3	41.3
10 OGi 250 LA	NVFP020250WC0MA	489	475	420	382	350	298	243	210	145	116	84.9	60.3	51.7
4 OGi 260 LA	NVFP020260WC0MA	637	589	520	475	401	334	278	236	160	120	89.0	64.0	51.0
5 OGi 325 LA	NVFP020325WC0MA	796	736	650	594	501	418	348	295	200	150	111	80.0	64.0
6 OGi 370 LA	NVFP020370WC0MA	944	877	764	690	597	500	414	350	234	174	125	90.0	73.0
7 OGi 410 LA	NVFP020410WC0MA	1091	1017	878	786	692	583	481	406	267	198	138	98.0	80.0
8 OGi 440 LA	NVFP020440WC0MA	1239	1158	991	882	787	665	547	462	301	223	152	105	86.0
9 OGi 470 LA	NVFP020470WC0MA	1386	1298	1105	978	883	747	613	517	334	247	166	113	92.0
10 OGi 530 LA	NVFP020530WC0MA	1454	1372	1194	1068	963	812	670	571	369	275	185	127	104
11 OGi 580 LA	NVFP020580WC0MA	1523	1446	1283	1158	1044	877	726	625	404	303	205	138	114
12 OGi 620 LA	NVFP020620WC0MA	1591	1519	1372	1248	1125	941	783	678	439	331	224	148	122
12 OGi 730 LA	NVFP020730WC0MA	1929	1810	1570	1397	1263	1088	883	761	499	374	259	170	143
14 OGi 800 LA	NVFP020800WC0MA	2237	2107	1847	1655	1500	1329	1020	868	559	414	290	191	157
16 OGi 880 LA	NVFP020880WC0MA	2436	2298	2006	1798	1609	1392	1101	937	604	447	314	208	173
19 OGi 1000 LA	NVFP021000WC0MA	2735	2583	2245	2011	1771	1487	1224	1042	671	497	349	240	196
16 OGi 1260 LA	NVFP021260WC0MA	2800	2672	2422	2217	2050	1769	1497	1282	851	645	441	302	253
18 OGi 1340 LA	NVFP021340WC0MA	2978	2842	2576	2358	2180	1881	1592	1363	906	686	469	321	269
20 OGi 1520 LA	NVFP021520WC0MA	3074	2958	2740	2537	2371	2099	1770	1552	1027	781	532	364	304
22 OGi 1600 LA	NVFP021600WC0MA	3236	3114	2884	2670	2496	2210	1863	1634	1081	822	560	383	320

Constant Power Discharge



1.65 Vpc – Discharge in W/cell at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	165	155	124	102	88.0	69.9	53.5	46.1	30.9	23.8	16.9	11.8	10.0
3 OGi 75 LA	NVFP020075WC0MA	247	233	187	154	132	105	80.2	69.2	46.3	35.7	25.3	17.7	15.1
4 OGi 100 LA	NVFP020100WC0MA	302	286	233	195	170	137	106	90.9	61.0	46.7	34.0	24.1	20.7
6 OGi 150 LA	NVFP020150WC0MA	413	392	326	279	245	200	157	134	90.5	70.0	50.9	36.2	31.0
8 OGi 200 LA	NVFP020200WC0MA	497	473	403	352	314	260	207	176	119	93.3	67.9	48.3	41.3
10 OGi 250 LA	NVFP020250WC0MA	554	529	464	416	377	317	256	217	147	117	84.9	60.3	51.7
4 OGi 260 LA	NVFP020260WC0MA	710	654	567	500	424	347	285	237	162	120	89.0	64.0	51.0
5 OGi 325 LA	NVFP020325WC0MA	887	817	708	626	530	434	356	296	202	150	111	80.0	64.0
6 OGi 370 LA	NVFP020370WC0MA	1051	971	834	734	633	522	425	356	237	176	125	90.0	73.0
7 OGi 410 LA	NVFP020410WC0MA	1215	1125	960	842	736	609	494	415	271	201	139	98.0	80.0
8 OGi 440 LA	NVFP020440WC0MA	1379	1280	1086	950	839	697	563	475	305	226	153	105	86.0
9 OGi 470 LA	NVFP020470WC0MA	1543	1434	1212	1058	942	784	632	534	339	252	167	113	92.0
10 OGi 530 LA	NVFP020530WC0MA	1618	1515	1299	1153	1029	852	692	589	374	280	187	127	104
11 OGi 580 LA	NVFP020580WC0MA	1693	1596	1386	1248	1116	920	753	643	408	308	206	138	114
12 OGi 620 LA	NVFP020620WC0MA	1768	1677	1473	1343	1203	988	814	698	443	336	226	148	122
12 OGi 730 LA	NVFP020730WC0MA	2117	1972	1689	1491	1346	1130	908	775	504	378	262	170	143
14 OGi 800 LA	NVFP020800WC0MA	2446	2313	1882	1769	1593	1394	1059	897	569	419	296	191	157
16 OGi 880 LA	NVFP020880WC0MA	2691	2538	2183	1934	1724	1466	1144	969	615	452	320	208	173
19 OGi 1000 LA	NVFP021000WC0MA	3057	2876	2483	2183	1920	1574	1271	1077	683	503	355	240	196
16 OGi 1260 LA	NVFP021260WC0MA	3093	2933	2645	2397	2192	1876	1563	1327	862	650	441	302	253
18 OGi 1340 LA	NVFP021340WC0MA	3289	3120	2813	2550	2332	1995	1663	1411	917	692	469	321	269
20 OGi 1520 LA	NVFP021520WC0MA	3400	3267	2992	2751	2542	2223	1867	1606	1040	785	532	364	304
22 OGi 1600 LA	NVFP021600WC0MA	3579	3439	3149	2896	2676	2340	1965	1691	1095	825	560	383	320

1.60 Vpc – Discharge in W/cell at 20 °C														
Type	Part number	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
2 OGi 50 LA	NVFP020050WC0MA	183	172	133	109	91.1	71.5	54.5	46.9	31.3	23.9	16.9	11.8	10.0
3 OGi 75 LA	NVFP020075WC0MA	274	258	200	163	137	107	81.8	70.3	46.9	35.9	25.3	17.7	15.1
4 OGi 100 LA	NVFP020100WC0MA	335	316	250	208	177	141	109	92.5	61.8	46.7	34.0	24.1	20.7
6 OGi 150 LA	NVFP020150WC0MA	458	433	352	297	257	207	162	137	91.6	70.0	50.9	36.2	31.0
8 OGi 200 LA	NVFP020200WC0MA	550	521	437	377	332	271	215	180	121	93.3	67.9	48.3	41.3
10 OGi 250 LA	NVFP020250WC0MA	613	581	507	448	402	333	267	222	149	117	84.9	60.3	51.7
4 OGi 260 LA	NVFP020260WC0MA	778	714	610	518	446	360	290	237	163	121	89.0	64.0	51.0
5 OGi 325 LA	NVFP020325WC0MA	972	892	762	647	558	451	363	297	204	151	111	80.0	64.0
6 OGi 370 LA	NVFP020370WC0MA	1152	1059	900	769	669	544	434	360	239	177	125	90.0	73.0
7 OGi 410 LA	NVFP020410WC0MA	1331	1226	1037	891	779	636	505	424	274	204	139	98.0	80.0
8 OGi 440 LA	NVFP020440WC0MA	1511	1393	1174	1013	890	729	577	487	309	230	154	105	86.0
9 OGi 470 LA	NVFP020470WC0MA	1691	1560	1311	1135	1001	822	648	550	344	256	168	113	92.0
10 OGi 530 LA	NVFP020530WC0MA	1772	1648	1390	1230	1092	893	713	605	378	285	188	127	104
11 OGi 580 LA	NVFP020580WC0MA	1853	1736	1470	1324	1184	965	778	660	413	313	207	138	114
12 OGi 620 LA	NVFP020620WC0MA	1934	1824	1550	1419	1276	1036	843	716	448	342	227	148	122
12 OGi 730 LA	NVFP020730WC0MA	2283	2112	1790	1578	1421	1177	933	788	513	386	266	171	143
14 OGi 800 LA	NVFP020800WC0MA	2631	2500	2089	1873	1678	1421	1095	925	579	426	300	191	157
16 OGi 880 LA	NVFP020880WC0MA	2878	2795	2335	2058	1833	1541	1183	999	625	460	324	208	173
19 OGi 1000 LA	NVFP021000WC0MA	3249	3148	2703	2336	2066	1666	1315	1110	695	511	361	240	196
16 OGi 1260 LA	NVFP021260WC0MA	3367	3172	2821	2548	2313	1959	1599	1350	867	651	441	302	253
18 OGi 1340 LA	NVFP021340WC0MA	3581	3374	3000	2710	2460	2084	1701	1435	922	692	469	321	269
20 OGi 1520 LA	NVFP021520WC0MA	3706	3547	3185	2921	2687	2316	1934	1637	1046	785	532	364	304
22 OGi 1600 LA	NVFP021600WC0MA	3901	3734	3352	3075	2828	2438	2036	1723	1101	825	560	383	320

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telecommunications systems, railway applications, mining, photovoltaic (solar energy), uninterruptible power supply (UPS), electrical power generation and distribution, fork lifts and electric vehicles.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management programme, (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.

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