

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

Specifications

# Optimized graduated battery sizes with excellent voltage levels.

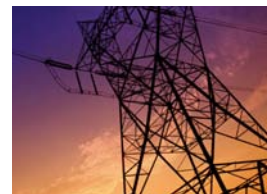
## Specifications







- 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 C<sub>10</sub>
- 12 years design life at 20 °C ambient temperature (80% remaining capacity from C<sub>10</sub>)
- Containers made from high-quality transparent plastics
- Positive and negative grid plates
- Low gassing due to antimony alloy < 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



## 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 12	 Nominal capacity 50 - 1600 Ah	 Single cell
 Grid plate	 Recyclable	 Low maintenance

Type	Part number	Nom. Voltage V	C <sub>10</sub> 1.80 VpC 20 °C Ah	Length mm	Installed length mm	Width mm	Height mm	Weight incl. Acid kg	Acid weight kg	Internal resistance acc. IEC896-1 mOhm	Short circuit current acc. IEC896-1 A	Terminal	Pole pairs
2 OGi 50	NVFP020050WC0MA	2	50.0	69.0	79.0	160	351	6.30	2.29	2.90	700	M-M8	1
3 OGi 75	NVFP020075WC0MA	2	75.0	69.0	79.0	160	351	7.00	2.10	2.00	1020	M-M8	1
4 OGi 100	NVFP020100WC0MA	2	100	125	135	160	384	11.5	4.90	1.50	1360	M-M8	1
6 OGi 150	NVFP020150WC0MA	2	150	125	135	160	384	13.3	4.59	1.10	1850	M-M8	1
8 OGi 200	NVFP020200WC0MA	2	200	155	165	160	384	16.8	5.80	0.85	2400	M-M8	1
10 OGi 250	NVFP020250WC0MA	2	250	194	204	160	384	20.9	7.30	0.72	2800	M-M8	1
4 OGi 260	NVFP020260WC0MA	2	260	124	134	206	528	20.8	8.19	0.65	3150	M-M12	1
5 OGi 325	NVFP020325WC0MA	2	325	124	134	206	528	22.9	7.90	0.54	3800	M-M12	1
6 OGi 370	NVFP020370WC0MA	2	370	124	134	206	528	24.7	7.50	0.47	4350	M-M12	1
7 OGi 410	NVFP020410WC0MA	2	410	124	134	206	528	26.6	7.30	0.42	4880	M-M12	1
8 OGi 440	NVFP020440WC0MA	2	440	124	134	206	528	28.5	7.10	0.38	5400	M-M12	1
9 OGi 470	NVFP020470WC0MA	2	470	124	134	206	528	30.6	6.90	0.35	5850	M-M12	1
10 OGi 530	NVFP020530WC0MA	2	530	145	155	206	528	34.0	8.10	0.32	6300	M-M12	1
11 OGi 580	NVFP020580WC0MA	2	580	166	176	206	528	38.2	9.80	0.30	6700	M-M12	1
12 OGi 620	NVFP020620WC0MA	2	620	166	176	206	528	40.0	9.40	0.28	7050	M-M12	1
12 OGi 730	NVFP020730WC0MA	2	730	210	220	254	528	50.3	17.5	0.25	8200	M-M12	2
14 OGi 800	NVFP020800WC0MA	2	800	210	220	254	528	52.6	15.9	0.21	9750	M-M12	2
16 OGi 880	NVFP020880WC0MA	2	880	210	220	254	528	56.6	15.5	0.19	10750	M-M12	2
19 OGi 1000	NVFP021000WC0MA	2	1000	210	220	254	528	62.5	14.9	0.17	12050	M-M12	2
16 OGi 1260	NVFP021260WC0MA	2	1260	210	220	233	699	78.2	18.3	0.16	12800	M-M12	2
18 OGi 1340	NVFP021340WC0MA	2	1340	210	220	233	699	85.2	19.7	0.15	13600	M-M12	2
20 OGi 1520	NVFP021520WC0MA	2	1520	210	220	275	699	95.2	22.3	0.14	14600	M-M12	2
22 OGi 1600	NVFP021600WC0MA	2	1600	210	220	275	699	102	23.3	0.13	15750	M-M12	2

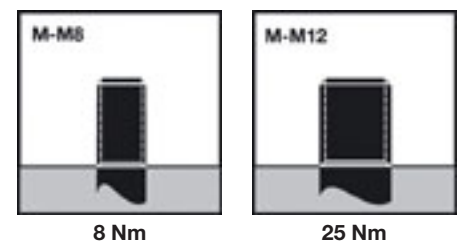
The above mentioned height can differ depending on the used vents

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

**Container, terminal and torque**

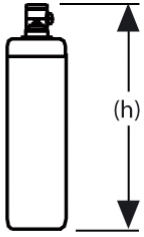
Data are also valid for dry charged version.  
Change "W" (Wet) to "D" (Dry) in the part number.

E.g.:  
filled and charged NVFP020050 W C0MA  
dry charged NVFP020050 D C0MA

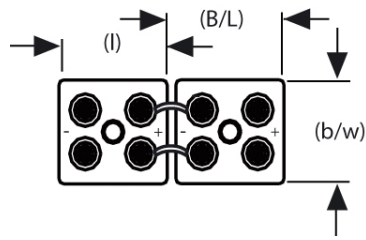
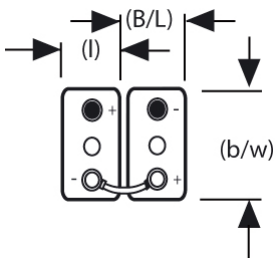
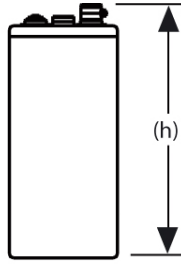


Container: SAN (Styrolacrylnitril)

2 OGi 50 - 12 OGi 620



12 OGi 730 - 22 OGi 1600



**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	NVFP020050WC0MA	42.3	42.3	37.5	33.7	30.9	26.5	22.6	19.8	14.0	11.0	7.80	5.60	4.80
3 OGi 75	NVFP020075WC0MA	63.4	63.4	56.3	50.6	46.4	39.7	33.9	29.7	21.0	16.3	11.7	8.30	7.10
4 OGi 100	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	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	NVFP020200WC0MA	129	129	120	111	104	93.0	80.0	72.0	53.3	42.4	31.0	22.6	19.8
10 OGi 250	NVFP020250WC0MA	145	145	138	129	122	111	95.8	87.0	65.5	53.0	38.7	28.3	24.8
4 OGi 260	NVFP020260WC0MA	206	198	187	179	161	143	122	107	74.0	57.2	41.6	30.7	25.2
5 OGi 325	NVFP020325WC0MA	258	247	234	224	201	179	153	134	92.6	71.5	52.0	38.0	31.0
6 OGi 370	NVFP020370WC0MA	305	295	273	259	237	211	181	157	108	80.5	58.4	42.7	34.9
7 OGi 410	NVFP020410WC0MA	353	343	313	293	273	244	209	181	123	89.7	64.8	47.1	38.6
8 OGi 440	NVFP020440WC0MA	400	390	352	327	308	277	237	204	138	98.8	71.2	50.8	41.7
9 OGi 470	NVFP020470WC0MA	448	438	392	361	344	309	265	228	153	108	77.7	55.0	45.1
10 OGi 530	NVFP020530WC0MA	472	463	422	389	370	333	287	250	170	124	86.9	62.0	50.1
11 OGi 580	NVFP020580WC0MA	497	489	453	418	396	357	309	272	187	139	96.2	67.0	55.1
12 OGi 620	NVFP020620WC0MA	521	514	484	446	422	381	332	295	205	155	105	73.2	60.1
12 OGi 730	NVFP020730WC0MA	610	599	551	515	478	431	372	331	235	175	122	86.2	70.8
14 OGi 800	NVFP020800WC0MA	716	692	640	600	562	516	424	372	256	191	132	94.6	77.5
16 OGi 880	NVFP020880WC0MA	769	745	684	644	597	549	458	402	276	206	142	102	83.8
19 OGi 1000	NVFP021000WC0MA	850	826	749	710	649	599	509	447	307	229	158	116	95.0
16 OGi 1260	NVFP021260WC0MA	955	940	867	818	769	687	601	533	375	296	207	144	120
18 OGi 1340	NVFP021340WC0MA	1016	1000	922	870	817	730	639	567	399	315	220	153	127
20 OGi 1520	NVFP021520WC0MA	1038	1014	961	909	869	798	699	632	451	356	249	173	144
22 OGi 1600	NVFP021600WC0MA	1093	1067	1011	957	915	840	736	666	475	374	262	182	151

**1.8 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	NVFP020050WC0MA	59.0	55.0	47.6	41.4	37.2	31.0	25.5	22.0	15.0	11.7	8.30	5.80	5.00
3 OGi 75	NVFP020075WC0MA	88.5	82.5	71.4	62.0	55.9	46.5	38.2	33.0	22.5	17.6	12.4	8.69	7.50
4 OGi 100	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	NVFP020150WC0MA	146	139	124	110	101	86.1	71.3	62.5	43.9	34.4	24.9	17.8	15.5
8 OGi 200	NVFP020200WC0MA	174	169	152	138	128	110	91.7	81.0	57.8	45.8	33.2	23.8	20.6
10 OGi 250	NVFP020250WC0MA	191	190	175	161	151	132	110	98.3	71.3	57.3	41.5	29.8	25.8
4 OGi 260	NVFP020260WC0MA	263	247	229	217	188	163	137	115	79.3	60.3	44.2	32.0	26.0
5 OGi 325	NVFP020325WC0MA	328	309	286	271	235	203	171	148	99.1	75.4	55.3	39.0	32.0
6 OGi 370	NVFP020370WC0MA	389	369	334	312	277	242	202	175	116	86.0	62.0	44.6	37.0
7 OGi 410	NVFP020410WC0MA	450	429	381	353	320	280	234	200	132	96.5	68.8	49.3	41.0
8 OGi 440	NVFP020440WC0MA	510	489	429	394	362	318	266	225	149	107	75.5	53.5	44.0
9 OGi 470	NVFP020470WC0MA	571	550	477	435	405	356	298	250	165	118	82.3	57.6	47.0
10 OGi 530	NVFP020530WC0MA	601	581	519	473	438	385	323	275	183	134	92.1	64.5	53.0
11 OGi 580	NVFP020580WC0MA	631	613	560	510	472	414	349	300	202	150	102	70.7	58.0
12 OGi 620	NVFP020620WC0MA	660	644	601	548	505	443	375	330	220	166	112	75.5	62.0
12 OGi 730	NVFP020730WC0MA	799	770	690	633	584	521	416	365	248	186	127	87.0	73.0
14 OGi 800	NVFP020800WC0MA	936	892	808	740	684	616	484	410	276	204	140	97.5	80.0
16 OGi 880	NVFP020880WC0MA	1004	960	861	794	722	646	523	450	298	220	151	106	88.0
19 OGi 1000	NVFP021000WC0MA	1106	1061	939	875	780	692	581	500	331	245	168	122	100
16 OGi 1260	NVFP021260WC0MA	1187	1163	1056	984	915	806	694	605	416	321	221	152	126
18 OGi 1340	NVFP021340WC0MA	1262	1237	1123	1047	973	858	738	643	442	342	235	162	134
20 OGi 1520	NVFP021520WC0MA	1300	1263	1184	1107	1049	950	813	730	502	388	266	184	152
22 OGi 1600	NVFP021600WC0MA	1368	1330	1246	1165	1104	1000	856	768	528	408	280	194	160

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	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	5.09
3 OGi 75	NVFP020075WC0MA	104	101	84.9	71.5	63.5	51.6	41.0	35.0	23.5	18.2	12.8	9.00	7.70
4 OGi 100	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	NVFP020150WC0MA	175	170	147	128	116	96.3	77.5	67.0	45.8	35.7	25.8	18.3	15.8
8 OGi 200	NVFP020200WC0MA	211	206	181	161	147	124	101	87.3	60.4	47.7	34.4	24.4	21.0
10 OGi 250	NVFP020250WC0MA	236	232	207	190	175	149	122	107	74.5	59.6	43.0	30.5	26.3
4 OGi 260	NVFP020260WC0MA	318	295	266	247	210	176	146	125	82.7	62.1	45.5	32.7	26.0
5 OGi 325	NVFP020325WC0MA	397	369	332	309	262	220	183	156	103	77.7	56.9	40.7	32.5
6 OGi 370	NVFP020370WC0MA	471	440	389	357	310	262	217	184	121	89.4	63.8	45.7	37.0
7 OGi 410	NVFP020410WC0MA	544	512	446	404	359	305	252	212	138	101	70.8	50.0	41.0
8 OGi 440	NVFP020440WC0MA	618	583	502	452	407	347	286	240	155	113	77.7	54.0	44.0
9 OGi 470	NVFP020470WC0MA	691	654	559	500	456	390	321	267	172	125	84.6	57.8	47.0
10 OGi 530	NVFP020530WC0MA	726	692	607	545	496	423	349	296	191	140	94.4	65.0	53.0
11 OGi 580	NVFP020580WC0MA	761	729	655	591	536	456	378	324	209	155	104	71.0	58.0
12 OGi 620	NVFP020620WC0MA	796	766	704	637	577	490	406	352	228	171	114	76.0	62.0
12 OGi 730	NVFP020730WC0MA	971	920	807	719	653	568	451	392	258	193	132	86.5	73.0
14 OGi 800	NVFP020800WC0MA	1132	1068	948	854	776	688	528	448	288	212	146	98.0	80.0
16 OGi 880	NVFP020880WC0MA	1221	1155	1017	921	825	720	570	484	311	229	158	107	88.0
19 OGi 1000	NVFP021000WC0MA	1356	1286	1121	1020	898	767	634	538	346	254	175	122	100
16 OGi 1260	NVFP021260WC0MA	1414	1367	1232	1134	1046	907	770	662	441	334	227	155	129
18 OGi 1340	NVFP021340WC0MA	1503	1454	1311	1206	1112	965	819	704	469	355	241	165	137
20 OGi 1520	NVFP021520WC0MA	1550	1500	1391	1287	1205	1076	904	800	532	403	274	187	155
22 OGi 1600	NVFP021600WC0MA	1632	1579	1464	1355	1269	1133	952	842	560	424	288	197	163

1.7 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	NVFP020050WC0MA	83.0	79.0	64.5	53.3	46.3	36.9	28.4	24.3	16.0	12.3	8.69	6.00	5.09
3 OGi 75	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	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	NVFP020150WC0MA	209	200	168	144	128	104	82.0	70.0	46.9	36.2	26.3	18.5	15.8
8 OGi 200	NVFP020200WC0MA	251	242	207	182	163	135	107	91.8	61.8	48.3	35.0	24.7	21.1
10 OGi 250	NVFP020250WC0MA	281	272	238	214	194	163	132	113	76.3	60.4	43.8	30.9	26.4
4 OGi 260	NVFP020260WC0MA	373	343	300	272	228	187	153	128	84.8	62.9	45.9	33.1	26.0
5 OGi 325	NVFP020325WC0MA	466	429	375	340	285	234	191	160	106	78.7	57.4	41.3	32.5
6 OGi 370	NVFP020370WC0MA	552	511	441	395	339	280	228	191	124	91.3	64.5	46.1	37.0
7 OGi 410	NVFP020410WC0MA	638	593	507	450	393	326	265	221	141	104	71.5	50.5	41.0
8 OGi 440	NVFP020440WC0MA	724	675	572	505	447	372	301	251	159	117	78.8	54.0	44.0
9 OGi 470	NVFP020470WC0MA	810	757	638	560	501	419	338	281	177	129	85.9	58.0	47.0
10 OGi 530	NVFP020530WC0MA	851	800	689	612	547	455	369	311	195	144	95.9	65.0	53.0
11 OGi 580	NVFP020580WC0MA	891	842	741	663	593	491	400	340	214	159	106	71.0	58.0
12 OGi 620	NVFP020620WC0MA	931	885	792	715	639	527	431	369	233	174	116	76.0	62.0
12 OGi 730	NVFP020730WC0MA	1128	1055	907	800	717	609	486	414	264	196	134	87.2	73.0
14 OGi 800	NVFP020800WC0MA	1308	1228	1066	948	852	744	562	472	296	217	150	98.0	80.0
16 OGi 880	NVFP020880WC0MA	1425	1339	1158	1030	913	779	607	510	320	234	162	107	88.0
19 OGi 1000	NVFP021000WC0MA	1599	1505	1296	1152	1006	832	674	566	355	260	180	122	100
16 OGi 1260	NVFP021260WC0MA	1638	1561	1399	1270	1163	994	829	703	455	340	231	156	130
18 OGi 1340	NVFP021340WC0MA	1742	1660	1487	1351	1237	1057	882	748	484	362	245	166	138
20 OGi 1520	NVFP021520WC0MA	1798	1728	1582	1453	1345	1180	980	851	549	412	278	188	156
22 OGi 1600	NVFP021600WC0MA	1893	1819	1666	1530	1416	1242	1032	896	578	434	293	198	164

**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	NVFP020050WC0MA	96.5	90.8	71.4	58.0	49.3	38.6	29.1	24.9	16.3	12.4	8.69	6.00	5.09
3 OGi 75	NVFP020075WC0MA	145	136	107	87.0	74.0	57.9	43.7	37.2	24.4	18.6	13.1	9.00	7.70
4 OGi 100	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	NVFP020150WC0MA	242	229	187	158	137	110	85.5	72.4	47.6	36.5	26.3	18.5	15.8
8 OGi 200	NVFP020200WC0MA	292	276	231	199	176	144	113	95.1	62.8	48.6	35.0	24.7	21.1
10 OGi 250	NVFP020250WC0MA	325	310	266	236	211	175	140	117	77.5	60.8	43.8	30.9	26.4
4 OGi 260	NVFP020260WC0MA	427	391	334	292	245	197	159	130	86.1	63.3	45.9	33.1	26.0
5 OGi 325	NVFP020325WC0MA	534	488	418	365	306	247	198	162	108	79.0	57.4	41.3	32.5
6 OGi 370	NVFP020370WC0MA	632	580	492	428	365	296	237	195	126	92.5	64.7	46.1	37.0
7 OGi 410	NVFP020410WC0MA	731	673	566	491	425	346	275	228	144	106	72.0	50.5	41.0
8 OGi 440	NVFP020440WC0MA	830	765	641	554	484	396	313	260	162	119	79.4	54.0	44.0
9 OGi 470	NVFP020470WC0MA	929	857	715	618	544	445	351	293	180	133	86.8	58.0	47.0
10 OGi 530	NVFP020530WC0MA	974	906	766	673	594	484	385	323	199	147	96.9	65.0	53.0
11 OGi 580	NVFP020580WC0MA	1019	954	818	728	644	523	419	353	217	162	107	71.0	58.0
12 OGi 620	NVFP020620WC0MA	1064	1003	869	783	694	561	453	383	236	177	117	76.0	62.0
12 OGi 730	NVFP020730WC0MA	1274	1179	996	870	777	642	505	425	268	199	136	87.6	73.0
14 OGi 800	NVFP020800WC0MA	1472	1382	1170	1032	920	792	589	492	302	220	154	98.0	80.0
16 OGi 880	NVFP020880WC0MA	1619	1517	1288	1129	996	833	636	531	327	238	166	107	88.0
19 OGi 1000	NVFP021000WC0MA	1839	1719	1465	1273	1109	895	707	590	363	264	184	122	100
16 OGi 1260	NVFP021260WC0MA	1861	1753	1556	1397	1268	1068	873	733	462	344	231	156	130
18 OGi 1340	NVFP021340WC0MA	1979	1864	1655	1486	1348	1136	929	780	492	366	245	166	138
20 OGi 1520	NVFP021520WC0MA	2046	1952	1760	1604	1470	1266	1043	888	558	415	278	188	156
22 OGi 1600	NVFP021600WC0MA	2154	2054	1853	1688	1547	1333	1098	934	587	437	293	198	164

**1.6 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	NVFP020050WC0MA	110	103	77.3	62.0	51.4	39.6	29.8	25.3	16.5	12.5	8.69	6.00	5.09
3 OGi 75	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	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	NVFP020150WC0MA	276	258	204	170	145	115	88.4	74.0	48.2	36.5	26.3	18.5	15.8
8 OGi 200	NVFP020200WC0MA	332	310	254	215	187	150	117	97.3	63.6	48.6	35.0	24.7	21.1
10 OGi 250	NVFP020250WC0MA	369	346	295	256	226	185	146	120	78.5	60.8	43.8	30.9	26.4
4 OGi 260	NVFP020260WC0MA	481	438	368	308	261	207	163	131	86.9	63.6	45.9	33.1	26.0
5 OGi 325	NVFP020325WC0MA	602	547	460	384	327	258	203	164	109	79.5	57.4	41.3	32.5
6 OGi 370	NVFP020370WC0MA	713	650	543	457	391	312	243	199	127	93.3	64.9	46.1	37.0
7 OGi 410	NVFP020410WC0MA	824	752	625	529	456	365	283	234	146	107	72.3	50.5	41.0
8 OGi 440	NVFP020440WC0MA	935	855	708	602	521	418	323	269	164	121	79.8	54.0	44.0
9 OGi 470	NVFP020470WC0MA	1046	957	791	674	586	472	363	304	183	135	87.3	58.0	47.0
10 OGi 530	NVFP020530WC0MA	1096	1011	839	730	640	512	400	334	201	150	97.5	65.0	53.0
11 OGi 580	NVFP020580WC0MA	1146	1065	887	786	693	553	437	365	220	165	108	71.0	58.0
12 OGi 620	NVFP020620WC0MA	1197	1119	935	843	747	594	473	395	238	180	118	76.0	62.0
12 OGi 730	NVFP020730WC0MA	1413	1296	1080	937	832	675	523	435	273	203	138	88.0	73.0
14 OGi 800	NVFP020800WC0MA	1628	1534	1260	1112	982	836	614	510	308	224	156	98.0	80.0
16 OGi 880	NVFP020880WC0MA	1781	1693	1408	1222	1073	884	664	551	333	242	168	107	88.0
19 OGi 1000	NVFP021000WC0MA	2010	1932	1630	1387	1210	955	737	612	370	269	187	122	100
16 OGi 1260	NVFP021260WC0MA	2084	1944	1706	1517	1361	1131	905	752	466	344	231	156	130
18 OGi 1340	NVFP021340WC0MA	2216	2068	1814	1613	1447	1203	962	800	496	366	245	166	138
20 OGi 1520	NVFP021520WC0MA	2294	2174	1926	1739	1581	1338	1094	912	562	415	278	188	156
22 OGi 1600	NVFP021600WC0MA	2414	2288	2027	1830	1664	1408	1152	960	592	437	293	198	164



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	NVFP020050WC0MA	78.5	78.5	70.0	63.3	58.2	50.1	43.0	37.9	27.1	21.3	15.3	10.9	9.40
3 OGi 75	NVFP020075WC0MA	118	118	105	95.0	87.2	75.2	64.5	56.8	40.6	31.9	22.9	16.3	14.1
4 OGi 100	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	NVFP020150WC0MA	199	199	182	167	156	138	119	107	78.5	61.8	45.5	33.2	29.3
8 OGi 200	NVFP020200WC0MA	240	241	225	208	196	176	152	138	103	82.3	60.6	44.5	39.0
10 OGi 250	NVFP020250WC0MA	270	270	258	242	230	210	182	166	127	103	75.8	55.6	48.8
4 OGi 260	NVFP020260WC0MA	382	367	349	335	302	269	231	204	142	110	81.3	60.3	49.6
5 OGi 325	NVFP020325WC0MA	478	458	436	419	377	337	289	255	178	138	101	74.7	61.0
6 OGi 370	NVFP020370WC0MA	566	547	509	483	444	398	343	299	207	156	114	84.0	68.7
7 OGi 410	NVFP020410WC0MA	654	636	583	548	511	460	396	344	236	173	126	92.6	76.0
8 OGi 440	NVFP020440WC0MA	742	725	656	612	579	521	449	389	265	191	139	99.9	82.1
9 OGi 470	NVFP020470WC0MA	830	813	730	676	646	583	503	434	294	209	151	108	88.8
10 OGi 530	NVFP020530WC0MA	876	860	787	729	694	628	545	476	327	239	169	121	98.7
11 OGi 580	NVFP020580WC0MA	921	908	844	781	743	673	587	518	360	270	188	131	108
12 OGi 620	NVFP020620WC0MA	967	955	901	834	791	719	629	561	393	300	206	143	118
12 OGi 730	NVFP020730WC0MA	1130	1112	1027	963	897	812	706	631	452	339	239	169	139
14 OGi 800	NVFP020800WC0MA	1328	1285	1193	1123	1056	973	804	709	492	370	257	186	152
16 OGi 880	NVFP020880WC0MA	1427	1385	1274	1205	1121	1035	869	766	531	400	278	200	165
19 OGi 1000	NVFP021000WC0MA	1576	1533	1396	1329	1218	1129	965	851	591	444	308	227	187
16 OGi 1260	NVFP021260WC0MA	1771	1748	1618	1530	1443	1294	1135	1011	719	570	400	281	235
18 OGi 1340	NVFP021340WC0MA	1884	1859	1721	1628	1535	1376	1208	1075	765	606	426	299	250
20 OGi 1520	NVFP021520WC0MA	1925	1885	1793	1701	1632	1504	1321	1200	865	685	483	339	282
22 OGi 1600	NVFP021600WC0MA	2027	1984	1887	1791	1718	1583	1391	1263	910	721	509	357	297

1.8 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	NVFP020050WC0MA	107	100	87.1	76.0	68.9	57.7	47.9	41.5	28.8	22.6	16.1	11.4	9.80
3 OGi 75	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	NVFP020100WC0MA	195	184	163	144	131	111	92.5	80.9	56.8	44.3	32.2	23.3	20.2
6 OGi 150	NVFP020150WC0MA	265	253	226	203	187	160	134	118	84.2	66.4	48.5	35.0	30.4
8 OGi 200	NVFP020200WC0MA	315	307	279	254	236	205	172	153	111	88.5	64.7	46.6	40.5
10 OGi 250	NVFP020250WC0MA	347	345	319	297	278	246	207	185	137	111	80.8	58.3	50.6
4 OGi 260	NVFP020260WC0MA	474	447	416	397	346	301	255	216	151	116	85.9	62.5	51.0
5 OGi 325	NVFP020325WC0MA	593	559	521	497	432	377	319	278	189	145	107	76.3	62.7
6 OGi 370	NVFP020370WC0MA	702	668	608	572	510	448	378	329	220	165	120	87.3	72.5
7 OGi 410	NVFP020410WC0MA	812	777	695	647	589	518	437	376	252	185	133	96.4	80.4
8 OGi 440	NVFP020440WC0MA	922	886	782	722	667	589	497	422	283	206	146	104	86.3
9 OGi 470	NVFP020470WC0MA	1031	995	870	798	745	660	556	470	315	226	160	112	92.2
10 OGi 530	NVFP020530WC0MA	1085	1053	945	867	807	714	604	517	350	257	178	126	103
11 OGi 580	NVFP020580WC0MA	1139	1110	1021	936	868	768	653	564	385	287	197	138	113
12 OGi 620	NVFP020620WC0MA	1193	1167	1096	1005	930	822	701	620	420	318	216	147	121
12 OGi 730	NVFP020730WC0MA	1444	1395	1258	1161	1076	966	778	686	473	358	247	170	143
14 OGi 800	NVFP020800WC0MA	1691	1616	1473	1357	1259	1142	905	770	526	392	272	190	156
16 OGi 880	NVFP020880WC0MA	1814	1738	1569	1455	1330	1199	977	846	569	424	293	207	172
19 OGi 1000	NVFP021000WC0MA	1998	1922	1713	1603	1436	1283	1086	940	632	471	326	239	196
16 OGi 1260	NVFP021260WC0MA	2144	2107	1923	1798	1681	1488	1291	1130	788	614	425	296	247
18 OGi 1340	NVFP021340WC0MA	2280	2241	2045	1913	1788	1583	1373	1202	838	653	452	315	262
20 OGi 1520	NVFP021520WC0MA	2348	2288	2157	2022	1927	1753	1512	1364	951	741	512	358	298
22 OGi 1600	NVFP021600WC0MA	2471	2409	2270	2129	2029	1846	1592	1436	1001	780	539	377	313

**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	NVFP020050WC0MA	123	120	102	86.5	77.0	63.3	50.8	43.7	29.9	23.4	16.6	11.7	10.0
3 OGi 75	NVFP020075WC0MA	185	180	153	130	116	94.9	76.2	65.5	44.8	35.1	24.9	17.5	15.0
4 OGi 100	NVFP020100WC0MA	227	221	190	164	147	122	98.8	85.5	59.0	45.9	33.4	23.9	20.6
6 OGi 150	NVFP020150WC0MA	311	304	265	233	211	177	144	125	87.4	68.9	50.1	35.7	30.9
8 OGi 200	NVFP020200WC0MA	375	368	326	293	268	228	187	163	115	91.8	66.8	47.7	41.2
10 OGi 250	NVFP020250WC0MA	419	413	373	343	318	274	227	199	142	115	83.5	59.7	51.5
4 OGi 260	NVFP020260WC0MA	559	521	473	443	377	320	269	231	156	119	88.0	63.8	50.8
5 OGi 325	NVFP020325WC0MA	699	652	592	553	472	400	336	289	195	148	110	79.5	63.5
6 OGi 370	NVFP020370WC0MA	829	778	693	639	559	477	400	341	228	171	123	89.1	73.0
7 OGi 410	NVFP020410WC0MA	958	904	794	725	647	555	463	393	260	193	136	97.5	80.1
8 OGi 440	NVFP020440WC0MA	1088	1030	895	811	734	632	527	445	293	216	150	105	85.9
9 OGi 470	NVFP020470WC0MA	1217	1156	996	896	822	709	591	496	326	238	163	112	91.8
10 OGi 530	NVFP020530WC0MA	1279	1221	1082	978	894	770	643	549	361	267	182	126	103
11 OGi 580	NVFP020580WC0MA	1340	1287	1168	1060	967	831	695	601	396	297	201	138	114
12 OGi 620	NVFP020620WC0MA	1402	1353	1253	1142	1040	892	748	654	432	326	220	148	122
12 OGi 730	NVFP020730WC0MA	1709	1625	1437	1289	1178	1035	831	728	489	370	256	170	142
14 OGi 800	NVFP020800WC0MA	1993	1887	1689	1532	1399	1253	972	832	545	405	282	191	157
16 OGi 880	NVFP020880WC0MA	2150	2041	1812	1651	1487	1311	1050	898	589	437	305	208	173
19 OGi 1000	NVFP021000WC0MA	2387	2273	1998	1830	1619	1397	1167	998	654	486	339	237	196
16 OGi 1260	NVFP021260WC0MA	2488	2411	2190	2023	1878	1644	1410	1220	829	633	434	300	251
18 OGi 1340	NVFP021340WC0MA	2646	2564	2330	2151	1997	1749	1499	1297	881	673	461	319	267
20 OGi 1520	NVFP021520WC0MA	2728	2646	2472	2296	2164	1951	1656	1475	1000	764	523	362	302
22 OGi 1600	NVFP021600WC0MA	2872	2785	2602	2417	2278	2053	1744	1552	1052	804	551	381	318

**1.7 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	NVFP020050WC0MA	144	138	114	95.1	83.3	67.3	52.4	45.2	30.4	23.7	16.8	11.8	10.0
3 OGi 75	NVFP020075WC0MA	217	207	171	143	125	101	78.5	67.8	45.6	35.6	25.3	17.7	15.1
4 OGi 100	NVFP020100WC0MA	265	255	213	181	160	131	103	88.7	60.2	46.5	34.0	24.1	20.7
6 OGi 150	NVFP020150WC0MA	363	350	297	257	230	190	151	131	89.2	69.7	50.9	36.2	31.0
8 OGi 200	NVFP020200WC0MA	438	423	366	324	293	246	198	171	117	92.9	67.9	48.3	41.3
10 OGi 250	NVFP020250WC0MA	489	475	420	382	350	298	243	210	145	116	84.9	60.3	51.7
4 OGi 260	NVFP020260WC0MA	637	588	520	474	401	334	278	235	160	120	88.6	64.3	50.7
5 OGi 325	NVFP020325WC0MA	796	736	650	593	501	417	347	294	200	150	110	80.4	64.0
6 OGi 370	NVFP020370WC0MA	943	876	763	689	596	500	414	350	233	174	124	89.7	73.0
7 OGi 410	NVFP020410WC0MA	1091	1017	877	785	692	582	480	406	267	198	138	98.2	80.0
8 OGi 440	NVFP020440WC0MA	1238	1157	991	881	787	665	547	461	300	222	152	105	85.8
9 OGi 470	NVFP020470WC0MA	1385	1298	1104	977	882	747	613	517	333	246	165	112	91.7
10 OGi 530	NVFP020530WC0MA	1454	1371	1194	1067	963	812	669	571	369	274	185	126	104
11 OGi 580	NVFP020580WC0MA	1522	1445	1283	1158	1043	876	726	624	404	303	204	138	114
12 OGi 620	NVFP020620WC0MA	1591	1519	1372	1248	1124	941	782	678	439	331	223	147	122
12 OGi 730	NVFP020730WC0MA	1928	1810	1570	1397	1263	1088	883	761	499	374	259	169	143
14 OGi 800	NVFP020800WC0MA	2236	2107	1847	1655	1500	1328	1019	868	559	413	290	190	157
16 OGi 880	NVFP020880WC0MA	2435	2297	2006	1797	1608	1391	1101	937	604	446	313	208	173
19 OGi 1000	NVFP021000WC0MA	2734	2583	2244	2011	1770	1486	1223	1041	671	496	348	237	196
16 OGi 1260	NVFP021260WC0MA	2800	2672	2422	2217	2050	1769	1497	1282	851	645	441	302	253
18 OGi 1340	NVFP021340WC0MA	2978	2842	2576	2358	2180	1881	1592	1363	906	686	469	321	269
20 OGi 1520	NVFP021520WC0MA	3074	2958	2740	2537	2371	2099	1770	1552	1027	781	532	364	304
22 OGi 1600	NVFP021600WC0MA	3236	3114	2884	2670	2496	2210	1863	1634	1081	822	560	383	320

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	NVFP020050WC0MA	165	155	124	102	88.0	69.9	53.5	46.1	30.9	23.8	16.8	11.8	10.0
3 OGi 75	NVFP020075WC0MA	247	233	187	154	132	105	80.2	69.2	46.3	35.7	25.3	17.7	15.1
4 OGi 100	NVFP020100WC0MA	302	286	233	195	170	137	106	90.9	61.0	46.7	34.0	24.1	20.7
6 OGi 150	NVFP020150WC0MA	413	392	326	279	245	200	157	134	90.5	70.0	50.9	36.2	31.0
8 OGi 200	NVFP020200WC0MA	497	473	403	352	314	260	207	176	119	93.3	67.9	48.3	41.3
10 OGi 250	NVFP020250WC0MA	554	529	464	416	377	317	256	217	147	117	84.9	60.3	51.7
4 OGi 260	NVFP020260WC0MA	709	653	566	500	423	347	285	236	161	120	89.0	64.3	50.7
5 OGi 325	NVFP020325WC0MA	886	816	708	625	529	434	356	296	202	150	111	80.4	64.0
6 OGi 370	NVFP020370WC0MA	1051	971	834	733	632	521	425	355	236	175	124	89.7	73.0
7 OGi 410	NVFP020410WC0MA	1215	1125	960	842	735	609	494	415	270	201	138	98.2	80.0
8 OGi 440	NVFP020440WC0MA	1379	1279	1085	950	839	696	562	474	304	226	152	105	85.8
9 OGi 470	NVFP020470WC0MA	1543	1433	1211	1058	942	784	631	534	338	251	167	112	91.7
10 OGi 530	NVFP020530WC0MA	1618	1514	1298	1153	1029	851	692	588	373	279	186	126	104
11 OGi 580	NVFP020580WC0MA	1693	1596	1385	1248	1115	919	753	643	408	307	206	138	114
12 OGi 620	NVFP020620WC0MA	1768	1677	1472	1342	1202	987	813	697	443	335	225	147	122
12 OGi 730	NVFP020730WC0MA	2117	1972	1688	1491	1346	1130	908	775	504	378	262	170	143
14 OGi 800	NVFP020800WC0MA	2446	2312	1982	1768	1593	1393	1059	897	569	418	295	190	157
16 OGi 880	NVFP020880WC0MA	2690	2538	2182	1934	1724	1466	1144	969	614	452	319	208	173
19 OGi 1000	NVFP021000WC0MA	3057	2876	2483	2182	1920	1574	1271	1076	682	502	355	237	196
16 OGi 1260	NVFP021260WC0MA	3093	2933	2645	2397	2192	1876	1563	1327	862	650	441	302	253
18 OGi 1340	NVFP021340WC0MA	3289	3120	2813	2550	2332	1995	1663	1411	917	692	469	321	269
20 OGi 1520	NVFP021520WC0MA	3400	3267	2992	2751	2542	2223	1867	1606	1040	785	532	364	304
22 OGi 1600	NVFP021600WC0MA	3579	3439	3149	2896	2676	2340	1965	1691	1095	826	560	383	320

1.6 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	NVFP020050WC0MA	183	172	133	109	91.1	71.5	54.5	46.9	31.3	23.9	16.8	11.8	10.0
3 OGi 75	NVFP020075WC0MA	274	258	200	163	137	107	81.8	70.3	46.9	35.9	25.3	17.7	15.1
4 OGi 100	NVFP020100WC0MA	335	316	250	208	177	141	109	92.5	61.8	46.7	34.0	24.1	20.7
6 OGi 150	NVFP020150WC0MA	458	433	352	297	257	207	162	137	91.6	70.0	50.9	36.2	31.0
8 OGi 200	NVFP020200WC0MA	550	521	437	377	332	271	215	180	121	93.3	67.9	48.3	41.3
10 OGi 250	NVFP020250WC0MA	613	581	507	448	402	333	267	222	149	117	84.9	60.3	51.7
4 OGi 260	NVFP020260WC0MA	777	713	609	517	446	360	290	237	163	120	89.0	64.3	50.7
5 OGi 325	NVFP020325WC0MA	972	892	762	647	557	450	362	296	204	150	111	80.4	64.0
6 OGi 370	NVFP020370WC0MA	1151	1059	899	769	668	543	434	360	239	177	124	89.7	73.0
7 OGi 410	NVFP020410WC0MA	1331	1225	1036	891	779	636	505	423	273	203	139	98.2	80.0
8 OGi 440	NVFP020440WC0MA	1511	1392	1173	1013	890	729	576	486	308	229	153	105	85.8
9 OGi 470	NVFP020470WC0MA	1690	1559	1310	1135	1000	822	647	550	343	256	168	112	91.7
10 OGi 530	NVFP020530WC0MA	1771	1647	1390	1229	1092	893	713	605	378	284	187	126	104
11 OGi 580	NVFP020580WC0MA	1852	1736	1470	1324	1184	964	778	660	412	313	207	138	114
12 OGi 620	NVFP020620WC0MA	1933	1824	1550	1418	1276	1035	843	715	447	341	226	147	122
12 OGi 730	NVFP020730WC0MA	2282	2112	1790	1578	1421	1177	933	788	513	386	266	171	143
14 OGi 800	NVFP020800WC0MA	2630	2499	2089	1872	1677	1457	1095	924	579	425	300	190	157
16 OGi 880	NVFP020880WC0MA	2877	2759	2334	2057	1833	1541	1183	998	625	459	324	208	173
19 OGi 1000	NVFP021000WC0MA	3248	3148	2702	2336	2066	1665	1314	1109	694	510	360	237	196
16 OGi 1260	NVFP021260WC0MA	3367	3172	2821	2548	2313	1959	1599	1350	867	651	441	302	253
18 OGi 1340	NVFP021340WC0MA	3581	3374	3000	2710	2460	2084	1701	1435	922	692	469	321	269
20 OGi 1520	NVFP021520WC0MA	3706	3547	3185	2921	2687	2316	1934	1637	1046	785	532	364	304
22 OGi 1600	NVFP021600WC0MA	3901	3734	3352	3075	2828	2438	2036	1723	1101	825	560	383	320

# Exide Technologies Industrial Energy – The Industry Leader.



Exide Technologies is the global leader in stored electrical energy solutions with subsidiaries in more than 80 countries. Based on over 100 years of experience in technological innovation, we are partners of OEM and serve the spare parts market for industrial and transportation applications.

Our Global Industrial Energy Business Unit offers an extensive range of storage products and services, including solutions for 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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