

EnerSys®

Power/Full Solutions



PowerSafe®
OGi

Performance Data

Constant Current Discharge Performance Data



Discharge Currents (Amperes) to 1.80Vpc at 20°C

Battery Type	Standby Time (Minutes)									Standby Time (Hours)								
	1	5	10	15	20	25	30	45	1	2	3	4	5	8	10	12	24	
12 OGi 60	120.2	111.1	92.7	79.5	69.7	62.0	55.9	43.5	35.8	21.4	15.5	12.2	10.1	6.8	5.5	4.7	2.5	
12 OGi 80	180.3	166.7	139.0	119.2	104.5	93.0	83.8	65.2	53.6	32.1	23.3	18.4	15.2	10.2	8.3	7.1	3.7	
12 OGi 110	240.4	222.2	185.4	159.0	139.3	123.9	111.8	86.9	71.5	42.8	31.0	24.5	20.3	13.5	11.1	9.4	5.0	
12 OGi 140	300.5	277.8	231.7	198.7	174.2	154.9	139.7	108.6	89.4	53.5	38.8	30.6	25.4	16.9	13.9	11.8	6.2	
12 OGi 170	360.5	333.4	278.1	238.5	209.0	185.9	167.7	130.4	107.3	64.2	46.5	36.7	30.4	20.3	16.6	14.2	7.5	
6 OGi 200	420.6	388.9	324.4	278.2	243.8	216.9	195.6	152.1	125.1	74.9	54.3	42.8	35.5	23.7	19.4	16.5	8.7	
6 OGi 230	480.7	444.5	370.8	318.0	278.7	247.9	223.6	173.8	143.0	85.6	62.0	49.0	40.6	27.1	22.2	18.9	10.0	
6 OGi 250	540.8	500.0	417.1	357.7	313.5	278.9	251.5	195.6	160.9	96.3	69.8	55.1	45.7	30.5	25.0	21.3	11.2	
6 OGi 280	600.9	555.6	463.4	397.5	348.3	309.9	279.4	217.3	178.8	107.0	77.6	61.2	50.7	33.8	27.8	23.6	12.5	
6 OGi 300	661.0	611.1	509.8	437.2	383.2	340.8	307.4	239.0	196.7	117.7	85.3	67.3	55.8	37.2	30.5	26.0	13.7	
6 OGi 330	721.1	666.7	556.1	477.0	418.0	371.8	335.3	260.7	214.5	128.4	93.1	73.4	60.9	40.6	33.3	28.3	15.0	
2 OGi 670	1442.2	1333.4	1112.3	954.0	836.0	743.7	670.7	521.5	429.1	256.7	186.1	146.9	121.7	81.2	66.7	56.7	29.9	
2 OGi 830	1802.7	1666.8	1390.3	1192.4	1045.0	929.6	838.3	651.8	536.3	320.9	232.7	183.6	152.2	101.5	83.4	70.8	37.4	
2 OGi 1000	2163.3	2000.1	1668.4	1430.9	1254.0	1115.5	1006.0	782.2	643.6	385.1	279.2	220.3	182.6	121.9	100.0	85.0	44.9	

Discharge Currents (Amperes) to 1.85Vpc at 20°C

Battery Type	Standby Time (Minutes)									Standby Time (Hours)								
	1	5	10	15	20	25	30	45	1	2	3	4	5	8	10	12	24	
12 OGi 60	91.9	90.8	76.8	66.9	59.4	53.3	48.4	38.3	31.8	19.4	14.2	11.2	9.3	6.3	5.2	4.4	2.3	
12 OGi 80	137.8	136.2	115.2	100.4	89.1	80.0	72.6	57.4	47.7	29.1	21.2	16.8	14.0	9.4	7.7	6.6	3.5	
12 OGi 110	183.8	181.5	153.7	133.8	118.8	106.7	96.8	76.5	63.6	38.8	28.3	22.4	18.6	12.5	10.3	8.8	4.6	
12 OGi 140	229.7	226.9	192.1	167.3	148.5	133.3	121.0	95.7	79.5	48.5	35.4	28.0	23.3	15.7	12.9	11.0	5.8	
12 OGi 170	275.6	272.3	230.5	200.7	178.2	160.0	145.2	114.8	95.4	58.2	42.5	33.6	28.0	18.8	15.5	13.2	7.0	
6 OGi 200	321.6	317.7	268.9	234.2	207.9	186.7	169.4	133.9	111.3	67.9	49.6	39.2	32.6	22.0	18.1	15.4	8.1	
6 OGi 230	367.5	363.1	307.3	267.7	237.5	213.3	193.6	153.0	127.2	77.6	56.6	44.8	37.3	25.1	20.7	17.6	9.3	
6 OGi 250	413.5	408.5	345.7	301.1	267.2	240.0	217.7	172.2	143.1	87.3	63.7	50.4	42.0	28.2	23.2	19.7	10.4	
6 OGi 280	459.4	453.9	384.1	334.6	296.9	266.7	241.9	191.3	159.0	97.0	70.8	56.0	46.6	31.4	25.8	21.9	11.6	
6 OGi 300	505.3	499.3	422.6	368.0	326.6	293.4	266.1	210.4	174.9	106.7	77.9	61.6	51.3	34.5	28.4	24.1	12.8	
6 OGi 330	551.3	544.6	461.0	401.5	356.3	320.0	290.3	229.6	190.8	116.4	84.9	67.2	55.9	37.6	31.0	26.3	13.9	
2 OGi 670	1102.6	1089.3	922.0	803.0	712.6	640.0	580.7	459.1	381.6	232.9	169.9	134.4	111.9	75.3	62.0	52.7	27.8	
2 OGi 830	1378.2	1361.6	1152.4	1003.7	890.8	800.1	725.8	573.9	477.0	291.1	212.4	168.0	139.9	94.1	77.5	65.8	34.8	
2 OGi 1000	1653.8	1633.9	1382.9	1204.5	1069.0	960.1	871.0	688.7	572.4	349.3	254.8	201.6	167.8	112.9	93.0	79.0	41.8	

Discharge Currents (Amperes) to 1.90Vpc at 20°C

Battery Type	Standby Time (Minutes)									Standby Time (Hours)								
	1	5	10	15	20	25	30	45	1	2	3	4	5	8	10	12	24	
12 OGi 60	62.9	62.9	58.8	51.8	46.3	41.9	38.4	30.8	25.8	16.0	11.8	9.4	7.9	5.3	4.4	3.7	2.0	
12 OGi 80	94.3	94.3	88.2	77.6	69.4	62.9	57.6	46.2	38.6	23.9	17.6	14.1	11.8	8.0	6.6	5.6	2.9	
12 OGi 110	125.7	125.7	117.5	103.5	92.5	83.8	76.8	61.6	51.5	31.9	23.5	18.8	15.7	10.7	8.8	7.4	3.9	
12 OGi 140	157.2	157.2	146.9	129.4	115.6	104.8	96.0	77.0	64.4	39.9	29.4	23.5	19.7	13.3	10.9	9.3	4.9	
12 OGi 170	188.6	188.6	176.3	155.3	138.8	125.7	115.2	92.4	77.3	47.9	35.3	28.2	23.6	16.0	13.1	11.2	5.9	
6 OGi 200	220.0	220.0	205.7	181.2	161.9	146.7	134.4	107.7	90.1	55.9	41.2	32.9	27.5	18.6	15.3	13.0	6.9	
6 OGi 230	251.5	251.5	235.1	207.0	185.0	167.6	153.6	123.1	103.0	63.9	47.0	37.6	31.5	21.3	17.5	14.9	7.9	
6 OGi 250	282.9	282.9	264.5	232.9	208.2	188.6	172.8	138.5	115.9	71.8	52.9	42.3	35.4	24.0	19.7	16.7	8.8	
6 OGi 280	314.3	314.3	293.8	258.8	231.3	209.5	192.1	153.9	128.8	79.8	58.8	46.9	39.3	26.6	21.9	18.6	9.8	
6 OGi 300	345.8	345.7	323.2	284.7	254.4	230.5	211.3	169.3	141.6	87.8	64.7	51.6	43.3	29.3	24.1	20.4	10.8	
6 OGi 330	377.2	377.2	352.6	310.6	277.5	251.4	230.5	184.7	154.5	95.8	70.6	56.3	47.2	32.0	26.3	22.3	11.8	
2 OGi 670	754.4	754.4	705.2	621.1	555.1	502.9	460.9	369.4	309.0	191.6	141.1	112.7	94.4	63.9	52.5	44.6	23.6	
2 OGi 830	943.0	942.9	881.5	776.4	693.9	628.6	576.2	461.8	386.3	239.4	176.4	140.8	118.0	79.9	65.6	55.8	29.5	
2 OGi 1000	1131.6	1131.5	1057.8	931.7	832.6	754.3	691.4	554.1	463.6	287.3	211.7	169.0	141.6	95.9	78.8	66.9	35.4	

Constant Power Discharge Performance Data



Constant Power (Watts per cell) to 1.80Vpc at 20°C

Battery Type	Standby Time (Minutes)								Standby Time (Hours)								
	1	5	10	15	20	25	30	45	1	2	3	4	5	8	10	12	24
12 OGi 60	216	200	168	145	128	114	103	81	67	41	30	23	19	13	11	9.1	4.8
12 OGi 80	324	301	252	218	192	171	155	122	101	61	44	35	29	20	16	14	7.3
12 OGi 110	432	401	336	290	256	228	207	162	134	81	59	47	39	26	21	18	9.7
12 OGi 140	540	501	420	363	320	285	259	203	168	101	74	58	49	33	27	23	12
12 OGi 170	648	601	505	435	383	343	310	243	201	122	89	70	58	39	32	27	15
6 OGi 200	756	701	589	508	447	400	362	284	235	142	103	82	68	46	38	32	17
6 OGi 230	865	802	673	580	511	457	414	324	268	162	118	94	78	52	43	36	19
6 OGi 250	973	902	757	653	575	514	465	365	302	182	133	105	87	59	48	41	22
6 OGi 280	1081	1002	841	726	639	571	517	405	335	203	148	117	97	65	54	46	24
6 OGi 300	1189	1102	925	798	703	628	569	446	369	223	162	129	107	72	59	50	27
6 OGi 330	1297	1202	1009	871	767	685	620	486	402	243	177	140	117	78	64	55	29
2 OGi 670	2594	2405	2018	1741	1534	1370	1241	972	804	486	354	281	233	156	129	109	58
2 OGi 830	3242	3006	2523	2177	1917	1713	1551	1215	1005	608	443	351	291	195	161	137	73
2 OGi 1000	3890	3607	3027	2612	2301	2055	1861	1458	1206	729	531	421	350	234	193	164	87

Constant Power (Watts per cell) to 1.85Vpc at 20°C

Battery Type	Standby Time (Minutes)								Standby Time (Hours)								
	1	5	10	15	20	25	30	45	1	2	3	4	5	8	10	12	24
12 OGi 60	170	168	143	125	111	100	91	72	60	37	27	22	18	12	10	8.5	4.5
12 OGi 80	255	252	214	187	167	150	137	109	91	56	41	32	27	18	15	13	6.8
12 OGi 110	339	336	286	249	222	200	182	145	121	74	54	43	36	24	20	17	9.1
12 OGi 140	424	421	357	312	278	250	228	181	151	93	68	54	45	30	25	21	11
12 OGi 170	509	505	429	374	333	300	273	217	181	112	82	65	54	36	30	26	14
6 OGi 200	594	589	500	437	389	351	319	253	212	130	95	76	63	43	35	30	16
6 OGi 230	679	673	572	499	445	401	364	289	242	149	109	86	72	49	40	34	18
6 OGi 250	764	757	643	561	500	451	410	326	272	167	123	97	81	55	45	38	20
6 OGi 280	848	841	715	624	556	501	455	362	302	186	136	108	90	61	50	43	23
6 OGi 300	933	925	786	686	611	551	501	398	333	205	150	119	99	67	55	47	25
6 OGi 330	1018	1009	858	748	667	601	546	434	363	223	163	130	108	73	60	51	27
2 OGi 670	2036	2019	1715	1497	1334	1202	1092	868	726	446	327	259	216	146	120	103	54
2 OGi 830	2545	2523	2144	1871	1667	1502	1366	1085	907	558	408	324	270	182	151	128	68
2 OGi 1000	3054	3028	2573	2245	2001	1803	1639	1302	1089	669	490	389	324	219	181	154	82

Constant Power (Watts per cell) to 1.90Vpc at 20°C

Battery Type	Standby Time (Minutes)								Standby Time (Hours)								
	1	5	10	15	20	25	30	45	1	2	3	4	5	8	10	12	24
12 OGi 60	119	119	112	99	89	80	74	59	50	31	23	18	15	10	8.6	7.3	3.9
12 OGi 80	179	179	168	148	133	121	111	89	75	47	34	27	23	16	13	11	5.8
12 OGi 110	239	239	224	198	177	161	147	119	100	62	46	37	31	21	17	15	7.8
12 OGi 140	299	299	280	247	221	201	184	148	124	78	57	46	38	26	22	18	9.7
12 OGi 170	358	358	336	297	266	241	221	178	149	93	69	55	46	31	26	22	12
6 OGi 200	418	418	392	346	310	281	258	208	174	109	80	64	54	37	30	26	14
6 OGi 230	478	478	448	395	354	321	295	237	199	124	91	73	62	42	34	29	16
6 OGi 250	537	537	504	445	398	362	332	267	224	140	103	82	69	47	39	33	17
6 OGi 280	597	597	560	494	443	402	369	297	249	155	114	91	77	52	43	37	19
6 OGi 300	657	657	616	544	487	442	405	326	274	171	126	101	85	58	47	40	21
6 OGi 330	717	717	672	593	531	482	442	356	299	186	137	110	92	63	52	44	23
2 OGi 670	1433	1433	1343	1186	1062	964	884	712	597	372	274	220	185	126	103	88	47
2 OGi 830	1792	1791	1679	1483	1328	1205	1106	890	746	465	343	274	231	157	129	110	58
2 OGi 1000	2150	2150	2015	1779	1593	1446	1327	1067	896	558	412	329	277	188	155	132	70



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