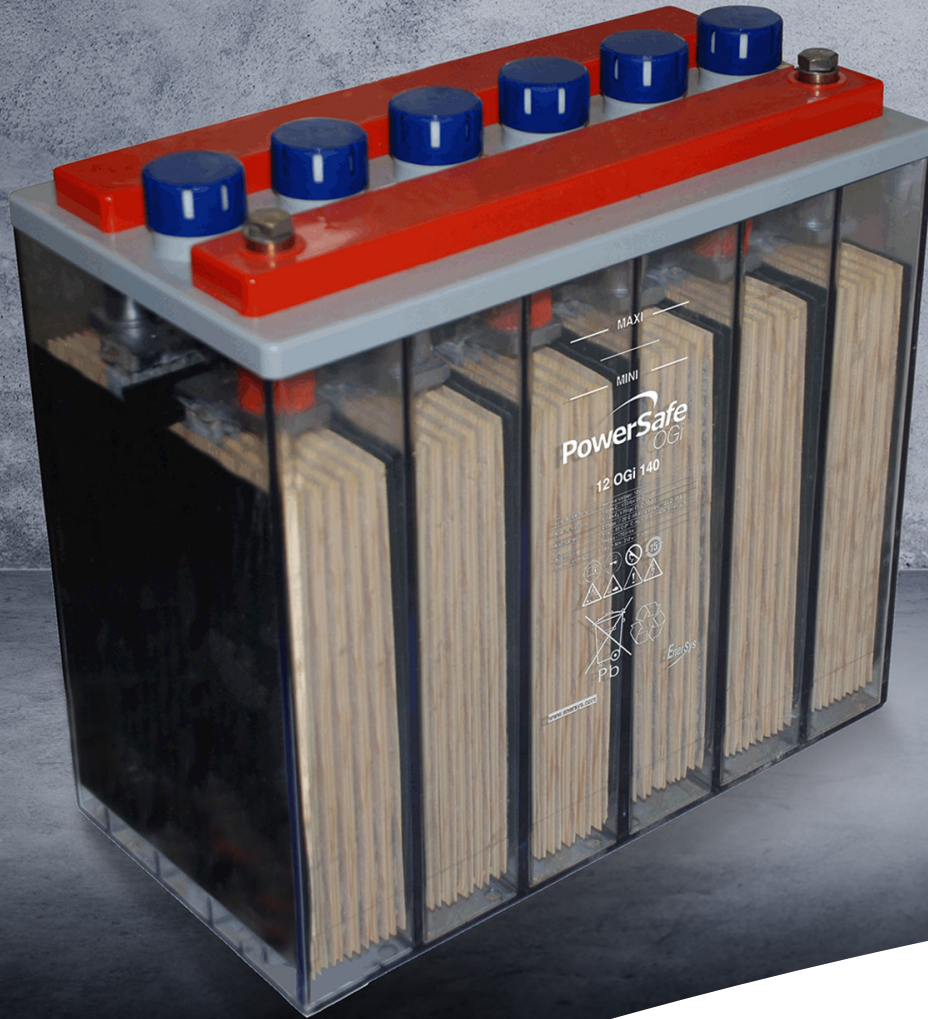


EnerSys®

Power/Full Solutions



PowerSafe®
OGi

Performance Data

Constant Current Discharge Performance Data



Discharge Currents (Amperes) to 1.60Vpc 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	184.7	168.5	128.5	101.7	84.4	72.6	63.9	47.7	38.4	22.2	15.9	12.5	10.3	6.8	5.6	4.8	2.5
12 OGi 80	277.0	252.8	192.8	152.5	126.6	108.9	95.9	71.5	57.6	33.3	23.8	18.7	15.4	10.2	8.4	7.1	3.8
12 OGi 110	369.3	337.1	257.0	203.3	168.8	145.2	127.9	95.3	76.7	44.4	31.8	24.9	20.6	13.7	11.2	9.5	5.0
12 OGi 140	461.7	421.3	321.3	254.2	211.0	181.5	159.8	119.2	95.9	55.5	39.7	31.2	25.7	17.1	14.0	11.9	6.3
12 OGi 170	554.0	505.6	385.6	305.0	253.2	217.8	191.8	143.0	115.1	66.6	47.7	37.4	30.9	20.5	16.8	14.3	7.5
6 OGi 200	646.3	589.8	449.8	355.8	295.5	254.1	223.8	166.8	134.3	77.7	55.6	43.6	36.0	23.9	19.6	16.6	8.8
6 OGi 230	738.7	674.1	514.1	406.6	337.7	290.4	255.8	190.6	153.5	88.8	63.5	49.9	41.2	27.3	22.4	19.0	10.0
6 OGi 250	831.0	758.4	578.4	457.5	379.9	326.7	287.7	214.5	172.7	99.9	71.5	56.1	46.3	30.7	25.2	21.4	11.3
6 OGi 280	923.3	842.6	642.6	508.3	422.1	363.0	319.7	238.3	191.8	111.0	79.4	62.3	51.5	34.1	28.0	23.8	12.5
6 OGi 300	1015.7	926.9	706.9	559.1	464.3	399.3	351.7	262.1	211.0	122.1	87.4	68.5	56.6	37.6	30.8	26.1	13.8
6 OGi 330	1108.0	1011.2	771.1	610.0	506.5	435.6	383.6	286.0	230.2	133.2	95.3	74.8	61.8	41.0	33.6	28.5	15.0
2 OGi 670	2216.0	2022.3	1542.3	1219.9	1013.0	871.1	767.3	571.9	460.4	266.3	190.6	149.6	123.5	81.9	67.2	57.0	30.1
2 OGi 830	2770.0	2527.9	1927.9	1524.9	1266.2	1088.9	959.1	714.9	575.5	332.9	238.3	187.0	154.4	102.4	84.0	71.3	37.6
2 OGi 1000	3324.0	3033.5	2313.4	1829.9	1519.5	1306.7	1150.9	857.9	690.6	399.5	286.0	224.3	185.3	122.9	100.8	85.6	45.1

Discharge Currents (Amperes) to 1.65Vpc 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	184.7	158.0	124.2	100.6	84.4	72.6	63.9	47.7	38.4	22.2	15.9	12.5	10.3	6.8	5.6	4.8	2.5
12 OGi 80	277.0	237.0	186.3	150.9	126.6	108.9	95.9	71.5	57.6	33.3	23.8	18.7	15.4	10.2	8.4	7.1	3.8
12 OGi 110	369.3	316.0	248.4	201.2	168.8	145.2	127.9	95.3	76.7	44.4	31.8	24.9	20.6	13.7	11.2	9.5	5.0
12 OGi 140	461.7	395.1	310.5	251.5	211.0	181.5	159.8	119.2	95.9	55.5	39.7	31.2	25.7	17.1	14.0	11.9	6.3
12 OGi 170	554.0	474.1	372.6	301.7	253.2	217.8	191.8	143.0	115.1	66.6	47.7	37.4	30.9	20.5	16.8	14.3	7.5
6 OGi 200	646.3	553.1	434.7	352.0	295.5	254.1	223.8	166.8	134.3	77.7	55.6	43.6	36.0	23.9	19.6	16.6	8.8
6 OGi 230	738.7	632.1	496.8	402.3	337.7	290.4	255.8	190.6	153.5	88.8	63.5	49.9	41.2	27.3	22.4	19.0	10.0
6 OGi 250	831.0	711.1	558.9	452.6	379.9	326.7	287.7	214.5	172.7	99.9	71.5	56.1	46.3	30.7	25.2	21.4	11.3
6 OGi 280	923.3	790.1	621.0	502.9	422.1	363.0	319.7	238.3	191.8	111.0	79.4	62.3	51.5	34.1	28.0	23.8	12.5
6 OGi 300	1015.7	869.1	683.1	553.2	464.3	399.3	351.7	262.1	211.0	122.1	87.4	68.5	56.6	37.6	30.8	26.1	13.8
6 OGi 330	1108.0	948.1	745.2	603.5	506.5	435.6	383.6	286.0	230.2	133.2	95.3	74.8	61.8	41.0	33.6	28.5	15.0
2 OGi 670	2216.0	1896.3	1490.5	1207.0	1013.0	871.1	767.3	571.9	460.4	266.3	190.6	149.6	123.5	81.9	67.2	57.0	30.1
2 OGi 830	2770.0	2370.4	1863.1	1508.7	1266.2	1088.9	959.1	714.9	575.5	332.9	238.3	187.0	154.4	102.4	84.0	71.3	37.6
2 OGi 1000	3324.0	2844.4	2235.7	1810.4	1519.5	1306.7	1150.9	857.9	690.6	399.5	286.0	224.3	185.3	122.9	100.8	85.6	45.1

Discharge Currents (Amperes) to 1.70Vpc 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	172.0	144.8	116.7	96.6	82.3	71.7	63.6	47.7	38.4	22.2	15.9	12.5	10.3	6.8	5.6	4.8	2.5
12 OGi 80	258.1	217.2	175.0	144.9	123.4	107.5	95.4	71.5	57.6	33.3	23.8	18.7	15.4	10.2	8.4	7.1	3.8
12 OGi 110	344.1	289.7	233.4	193.2	164.5	143.3	127.2	95.3	76.7	44.4	31.8	24.9	20.6	13.7	11.2	9.5	5.0
12 OGi 140	430.1	362.1	291.7	241.4	205.6	179.1	159.0	119.2	95.9	55.5	39.7	31.2	25.7	17.1	14.0	11.9	6.3
12 OGi 170	516.1	434.5	350.0	289.7	246.8	215.0	190.8	143.0	115.1	66.6	47.7	37.4	30.9	20.5	16.8	14.3	7.5
6 OGi 200	602.1	506.9	408.4	338.0	287.9	250.8	222.6	166.8	134.3	77.7	55.6	43.6	36.0	23.9	19.6	16.6	8.8
6 OGi 230	688.1	579.3	466.7	386.3	329.0	286.6	254.4	190.6	153.5	88.8	63.5	49.9	41.2	27.3	22.4	19.0	10.0
6 OGi 250	774.2	651.7	525.0	434.6	370.1	322.5	286.2	214.5	172.7	99.9	71.5	56.1	46.3	30.7	25.2	21.4	11.3
6 OGi 280	860.2	724.2	583.4	482.9	411.3	358.3	318.0	238.3	191.8	111.0	79.4	62.3	51.5	34.1	28.0	23.8	12.5
6 OGi 300	946.2	796.6	641.7	531.2	452.4	394.1	349.8	262.1	211.0	122.1	87.4	68.5	56.6	37.6	30.8	26.1	13.8
6 OGi 330	1032.2	869.0	700.1	579.5	493.5	430.0	381.6	286.0	230.2	133.2	95.3	74.8	61.8	41.0	33.6	28.5	15.0
2 OGi 670	2064.4	1738.0	1400.1	1158.9	987.1	859.9	763.3	571.9	460.4	266.3	190.6	149.6	123.5	81.9	67.2	57.0	30.1
2 OGi 830	2580.5	2172.5	1750.2	1448.7	1233.8	1074.9	954.1	714.9	575.5	332.9	238.3	187.0	154.4	102.4	84.0	71.3	37.6
2 OGi 1000	3096.6	2607.0	2100.2	1738.4	1480.6	1289.9	1144.9	857.9	690.6	399.5	286.0	224.3	185.3	122.9	100.8	85.6	45.1

Discharge Currents (Amperes) to 1.75Vpc 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	146.6	129.4	106.1	89.5	77.3	68.1	60.9	46.6	38.0	22.2	15.9	12.5	10.3	6.8	5.6	4.8	2.5
12 OGi 80	219.9	194.1	159.2	134.3	115.9	102.1	91.4	69.9	56.9	33.3	23.8	18.7	15.4	10.2	8.4	7.1	3.8
12 OGi 110	293.2	258.8	212.3	179.0	154.6	136.2	121.8	93.2	75.9	44.4	31.8	24.9	20.6	13.7	11.2	9.5	5.0
12 OGi 140	366.5	323.5	265.3	223.8	193.2	170.2	152.3	116.5	94.9	55.5	39.7	31.2	25.7	17.1	14.0	11.9	6.3
12 OGi 170	439.8	388.2	318.4	268.5	231.8	204.2	182.7	139.8	113.9	66.6	47.7	37.4	30.9	20.5	16.8	14.3	7.5
6 OGi 200	513.1	452.9	371.4	313.3	270.5	238.3	213.2	163.1	132.8	77.7	55.6	43.6	36.0	23.9	19.6	16.6	8.8
6 OGi 230	586.4	517.6	424.5	358.0	309.1	272.3	243.6	186.4	151.8	88.8	63.5	49.9	41.2	27.3	22.4	19.0	10.0
6 OGi 250	659.7	582.3	477.6	402.8	347.8	306.4	274.1	209.6	170.8	99.9	71.5	56.1	46.3	30.7	25.2	21.4	11.3
6 OGi 280	732.9	647.0	530.6	447.5	386.4	340.4	304.5	232.9	189.8	111.0	79.4	62.3	51.5	34.1	28.0	23.8	12.5
6 OGi 300	806.2	711.7	583.7	492.3	425.0	374.5	335.0	256.2	208.7	122.1	87.4	68.5	56.6	37.6	30.8	26.1	13.8
6 OGi 330	879.5	776.4	636.8	537.0	463.7	408.5	365.4	279.5	227.7	133.2	95.3	74.8	61.8	41.0	33.6	28.5	15.0
2 OGi 670	1759.1	1552.8	1273.5	1074.0	927.3	817.0	730.9	559.1	455.4	266.3	190.6	149.6	123.5	81.9	67.2	57.0	30.1
2 OGi 830	2198.8	1941.1	1591.9	1342.5	1159.2	1021.2	913.6	698.8	569.3	332.9	238.3	187.0	154.4	102.4	84.0	71.3	37.6
2 OGi 1000	2638.6	2329.3	1910.3	1611.1	1391.0	1225.5	1096.3	838.6	683.1	399.5	286.0	224.3	185.3	122.9	100.8	85.6	45.1

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	1.3	1.2	
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	12.56	
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	61.0	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	22.0	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	0.7	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	76.3	55.3	38.8	25.7	15.2	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	35.1	07.0	15.0	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	2.3	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 1.60Vpc 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	278	276	216	176	149	130	115	87	71	42	30	24	20	13	11	9.2	4.9
12 OGi 80	416	414	323	263	223	195	173	131	107	63	45	36	30	20	16	14	7.3
12 OGi 110	555	552	431	351	297	259	231	175	142	84	60	48	39	26	22	18	9.7
12 OGi 140	694	690	539	439	372	324	288	219	178	105	75	59	49	33	27	23	12
12 OGi 170	833	828	647	527	446	389	346	262	213	125	91	71	59	39	32	28	15
6 OGi 200	972	966	755	615	521	454	404	306	249	146	106	83	69	46	38	32	17
6 OGi 230	1110	1103	862	702	595	519	461	350	284	167	121	95	79	53	43	37	19
6 OGi 250	1249	1241	970	790	669	584	519	394	320	188	136	107	89	59	49	41	22
6 OGi 280	1388	1379	1078	878	744	649	576	437	355	209	151	119	98	66	54	46	24
6 OGi 300	1527	1517	1186	966	818	713	634	481	391	230	166	131	108	72	59	50	27
6 OGi 330	1665	1655	1294	1054	892	778	692	525	426	251	181	143	118	79	65	55	29
2 OGi 670	3331	3310	2587	2107	1785	1556	1384	1049	853	502	362	285	236	158	129	110	58
2 OGi 830	4164	4138	3234	2634	2231	1946	1729	1312	1066	627	453	356	295	197	162	138	73
2 OGi 1000	4996	4966	3881	3161	2677	2335	2075	1574	1279	753	543	428	354	236	194	165	87

Constant Power (Watts per cell) to 1.65Vpc 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	278	264	212	175	149	130	115	87	71	42	30	24	20	13	11	9.2	4.9
12 OGi 80	416	396	317	262	223	195	173	131	107	63	45	36	30	20	16	14	7.3
12 OGi 110	555	527	423	349	297	259	231	175	142	84	60	48	39	26	22	18	9.7
12 OGi 140	694	659	529	436	371	324	288	219	178	105	75	59	49	33	27	23	12
12 OGi 170	833	791	635	524	446	389	346	262	213	125	91	71	59	39	32	28	15
6 OGi 200	972	923	741	611	520	454	404	306	249	146	106	83	69	46	38	32	17
6 OGi 230	1110	1055	846	698	594	519	461	350	284	167	121	95	79	53	43	37	19
6 OGi 250	1249	1187	952	785	669	584	519	394	320	188	136	107	89	59	49	41	22
6 OGi 280	1388	1319	1058	873	743	649	576	437	355	209	151	119	98	66	54	46	24
6 OGi 300	1527	1451	1164	960	817	713	634	481	391	230	166	131	108	72	59	50	27
6 OGi 330	1665	1582	1270	1047	892	778	692	525	426	251	181	143	118	79	65	55	29
2 OGi 670	3331	3165	2539	2094	1783	1556	1384	1049	853	502	362	285	236	158	129	110	58
2 OGi 830	4164	3956	3174	2618	2229	1946	1729	1312	1066	627	453	356	295	197	162	138	73
2 OGi 1000	4996	4747	3809	3141	2675	2335	2075	1574	1279	753	543	428	354	236	194	165	87

Constant Power (Watts per cell) to 1.70Vpc 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	278	264	212	175	149	130	115	87	71	42	30	24	20	13	11	9.2	4.9
12 OGi 80	416	396	317	262	223	195	173	131	107	63	45	36	30	20	16	14	7.3
12 OGi 110	555	527	423	349	297	259	231	175	142	84	60	48	39	26	22	18	9.7
12 OGi 140	694	659	529	436	371	324	288	219	178	105	75	59	49	33	27	23	12
12 OGi 170	833	791	635	524	446	389	346	262	213	125	91	71	59	39	32	28	15
6 OGi 200	972	923	741	611	520	454	404	306	249	146	106	83	69	46	38	32	17
6 OGi 230	1110	1055	846	698	594	519	461	350	284	167	121	95	79	53	43	37	19
6 OGi 250	1249	1187	952	785	669	584	519	394	320	188	136	107	89	59	49	41	22
6 OGi 280	1388	1319	1058	873	743	649	576	437	355	209	151	119	98	66	54	46	24
6 OGi 300	1527	1451	1164	960	817	713	634	481	391	230	166	131	108	72	59	50	27
6 OGi 330	1665	1582	1270	1047	892	778	692	525	426	251	181	143	118	79	65	55	29
2 OGi 670	3331	3165	2539	2094	1783	1556	1384	1049	853	502	362	285	236	158	129	110	58
2 OGi 830	4164	3956	3174	2618	2229	1946	1729	1312	1066	627	453	356	295	197	162	138	73
2 OGi 1000	4996	4747	3809	3141	2675	2335	2075	1574	1279	753	543	428	354	236	194	165	87

Constant Power (Watts per cell) to 1.75Vpc 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	255	227	188	160	139	124	111	86	70	42	30	24	20	13	11	9.2	4.9
12 OGi 80	383	341	282	240	209	185	166	129	106	63	45	36	30	20	16	14	7.3
12 OGi 110	511	455	376	320	279	247	222	172	141	84	60	48	39	26	22	18	9.7
12 OGi 140	638	568	470	400	348	309	277	215	176	105	75	59	49	33	27	23	12
12 OGi 170	766	682	564	480	418	371	333	257	211	125	91	71	59	39	32	28	15
6 OGi 200	894	796	658	560	488	432	388	300	246	146	106	83	69	46	38	32	17
6 OGi 230	1021	910	752	640	558	494	444	343	282	167	121	95	79	53	43	37	19
6 OGi 250	1149	1023	846	721	627	556	499	386	317	188	136	107	89	59	49	41	22
6 OGi 280	1277	1137	941	801	697	618	555	429	352	209	151	119	98	66	54	46	24
6 OGi 300	1404	1251	1035	881	767	679	610	472	387	230	166	131	108	72	59	50	27
6 OGi 330	1532	1364	1129	961	836	741	666	515	422	251	181	143	118	79	65	55	29
2 OGi 670	3064	2729	2257	1921	1673	1482	1332	1030	845	502	362	285	236	158	129	110	58
2 OGi 830	3830	3411	2822	2402	2091	1853	1665	1287	1056	627	453	356	295	197	162	138	73
2 OGi 1000	4595	4093	3386	2882	2509	2224	1998	1545	1267	753	543	428	354	236	194	165	87

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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