

# Performance Report

## Ampere Rating for Minutes to Final Voltage at 77.0°F

End Voltage 1.00 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 11	16.7	14.8	13.6	12.9	11.7	10.2	8.8	6.7	5.3	3.8	2.9	2.4	2.0	1.7	1.5	1.2
VGM 18	27.3	24.2	22.3	21.1	19.2	16.7	14.5	10.9	8.6	6.2	4.8	3.9	3.3	2.9	2.5	2.0
VGM 24	36.3	32.3	29.7	28.1	25.6	22.3	19.3	14.5	11.5	8.3	6.4	5.2	4.4	3.8	3.3	2.7
VGM 30	45.4	40.3	37.1	35.1	31.9	27.8	24.1	18.2	14.4	10.3	8.0	6.6	5.5	4.8	4.2	3.3
VGM 40	60.6	53.8	49.5	46.8	42.6	37.1	32.2	24.2	19.2	13.8	10.7	8.7	7.4	6.3	5.6	4.5
VGM 48	72.7	64.5	59.4	56.2	51.1	44.5	38.6	29.1	23.1	16.5	12.9	10.5	8.8	7.6	6.7	5.4
VGM 55	83.3	73.9	68.0	64.3	58.6	51.0	44.2	33.3	26.4	18.9	14.7	12.0	10.1	8.7	7.6	6.1
VGM 65	98.4	87.3	80.4	76.0	69.2	60.3	52.3	39.4	31.2	22.4	17.4	14.2	12.0	10.3	9.0	7.2
VGM 75	113.5	100.8	92.8	87.7	79.8	69.6	60.3	45.4	36.0	25.8	20.1	16.4	13.8	11.9	10.4	8.4
VGM 90	136.3	120.9	111.3	105.3	95.8	83.5	72.4	54.5	43.2	31.0	24.1	19.7	16.6	14.3	12.5	10.0
VGM 110	166.5	147.8	136.1	128.7	117.1	102.0	88.5	66.6	52.8	37.9	29.5	24.1	20.2	17.4	15.3	12.3
VGM 125	189.2	168.0	154.6	146.2	133.1	116.0	100.5	75.7	60.0	43.0	33.5	27.3	23.0	19.8	17.4	13.9
VGM 140	211.9	188.1	173.2	163.8	149.1	129.9	112.6	84.8	67.2	48.2	37.5	30.6	25.8	22.2	19.5	15.6
VGM 160	242.2	215.0	197.9	187.2	170.3	148.4	128.7	96.9	76.8	55.1	42.9	35.0	29.4	25.4	22.2	17.8
VGM 185	280.1	248.6	228.8	216.4	197.0	171.6	148.8	112.0	88.8	63.7	49.6	40.5	34.0	29.3	25.7	20.6
VGM 205	310.4	275.5	253.6	239.8	218.3	190.2	164.9	124.1	98.4	70.6	55.0	44.8	37.7	32.5	28.5	22.9
VGM 225	340.6	302.4	278.3	263.2	239.5	208.7	181.0	136.3	108.1	77.5	60.3	49.2	41.4	35.7	31.3	25.1
VGM 250	378.5	336.0	309.2	292.5	266.2	231.9	201.1	151.4	120.1	86.1	67.0	54.7	46.0	39.6	34.8	27.9
VGM 270	408.8	362.8	334.0	315.9	287.5	250.5	217.2	163.5	129.7	92.9	72.4	59.1	49.7	42.8	37.5	30.1
VGM 300	454.2	403.2	371.1	351.0	319.4	278.3	241.3	181.7	144.1	103.3	80.4	65.6	55.2	47.5	41.7	33.5
VGM 320	484.5	430.0	395.8	374.3	340.7	296.9	257.4	193.8	153.7	110.2	85.8	70.0	58.9	50.7	44.5	35.7
VGM 340	514.7	456.9	420.5	397.7	362.0	315.4	273.5	205.9	163.3	117.0	91.2	74.4	62.6	53.9	47.3	37.9

End Voltage 1.00 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 355	537.4	477.1	439.1	415.3	378.0	329.3	285.5	215.0	170.5	122.2	95.2	77.7	65.3	56.3	49.4	39.6
VGM 380	575.3	510.7	470.0	444.5	404.6	352.5	305.6	230.1	182.5	130.8	101.9	83.1	69.9	60.2	52.8	42.4
VGM 400	605.6	537.5	494.7	467.9	425.9	371.1	321.7	242.2	192.1	137.7	107.3	87.5	73.6	63.4	55.6	44.6
VGM 450	681.3	604.7	556.6	526.4	479.1	417.4	361.9	272.5	216.1	154.9	120.7	98.4	82.8	71.3	62.6	50.2
VGM 500	757.0	671.9	618.4	584.9	532.3	463.8	402.1	302.8	240.1	172.1	134.1	109.4	92.0	79.2	69.5	55.8
VGM 550	832.7	739.1	680.3	643.4	585.6	510.2	442.4	333.1	264.1	189.3	147.5	120.3	101.2	87.2	76.5	61.3
VGM 600	908.3	806.3	742.1	701.9	638.8	556.6	482.6	363.3	288.1	206.5	160.9	131.2	110.4	95.1	83.4	66.9
VGM 675	1021.9	907.1	834.9	789.6	718.6	626.2	542.9	408.8	324.2	232.4	181.0	147.7	124.2	107.0	93.8	75.3
VGM 750	1135.4	1007.9	927.6	877.4	798.5	695.7	603.2	454.2	360.2	258.2	201.1	164.1	138.0	118.9	104.3	83.6
VGM 1000	1513.9	1343.8	1236.9	1169.8	1064.7	927.7	804.3	605.6	480.2	344.2	268.2	218.7	184.0	158.5	139.0	111.5
VGM 1250	1892.4	1679.8	1546.1	1462.3	1330.8	1159.6	1005.3	757.0	600.3	430.3	335.2	273.4	230.0	198.1	173.8	139.4

End Voltage 1.05 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 11	13.9	12.6	11.8	11.1	10.0	8.7	7.7	6.2	5.0	3.7	2.9	2.4	2.0	1.7	1.5	1.2
VGM 18	22.7	20.6	19.2	18.1	16.4	14.2	12.7	10.2	8.3	6.0	4.7	3.9	3.3	2.8	2.5	2.0
VGM 24	30.2	27.5	25.7	24.2	21.9	19.0	16.9	13.5	11.0	8.0	6.3	5.2	4.3	3.7	3.3	2.6
VGM 30	37.8	34.4	32.1	30.2	27.4	23.7	21.1	16.9	13.8	10.0	7.9	6.4	5.4	4.7	4.1	3.3
VGM 40	50.4	45.9	42.8	40.3	36.5	31.6	28.2	22.6	18.3	13.4	10.5	8.6	7.2	6.2	5.5	4.4
VGM 48	60.5	55.0	51.3	48.3	43.8	38.0	33.8	27.1	22.0	16.0	12.6	10.3	8.7	7.5	6.6	5.3
VGM 55	69.3	63.1	58.8	55.4	50.2	43.5	38.7	31.0	25.2	18.4	14.5	11.8	10.0	8.6	7.5	6.0
VGM 65	81.9	74.5	69.5	65.4	59.3	51.4	45.8	36.7	29.8	21.7	17.1	14.0	11.8	10.1	8.9	7.1
VGM 75	94.5	86.0	80.2	75.5	68.5	59.3	52.8	42.3	34.4	25.1	19.7	16.1	13.6	11.7	10.3	8.2
VGM 90	113.4	103.2	96.2	90.6	82.2	71.2	63.4	50.8	41.3	30.1	23.6	19.3	16.3	14.0	12.3	9.9
VGM 110	138.6	126.1	117.6	110.7	100.4	87.0	77.5	62.1	50.4	36.8	28.9	23.6	19.9	17.2	15.1	12.1
VGM 125	157.5	143.3	133.6	125.8	114.1	98.9	88.1	70.5	57.3	41.8	32.8	26.9	22.6	19.5	17.1	13.7

End Voltage 1.05 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 140	176.4	160.5	149.6	140.9	127.8	110.7	98.6	79.0	64.2	46.8	36.8	30.1	25.3	21.8	19.2	15.4
VGM 160	201.6	183.4	171.0	161.0	146.0	126.5	112.7	90.3	73.4	53.5	42.0	34.4	29.0	25.0	21.9	17.6
VGM 185	233.1	212.1	197.7	186.2	168.9	146.3	130.3	104.4	84.8	61.8	48.6	39.8	33.5	28.9	25.3	20.3
VGM 205	258.3	235.0	219.1	206.3	187.1	162.1	144.4	115.7	94.0	68.5	53.9	44.1	37.1	32.0	28.1	22.5
VGM 225	283.5	258.0	240.5	226.5	205.4	177.9	158.5	126.9	103.2	75.2	59.1	48.4	40.7	35.1	30.8	24.7
VGM 250	315.0	286.6	267.2	251.6	228.2	197.7	176.1	141.0	114.6	83.6	65.7	53.7	45.3	39.0	34.2	27.5
VGM 270	340.2	309.6	288.6	271.8	246.5	213.5	190.2	152.3	123.8	90.2	70.9	58.0	48.9	42.1	37.0	29.7
VGM 300	378.0	344.0	320.7	302.0	273.8	237.3	211.3	169.3	137.6	100.3	78.8	64.5	54.3	46.8	41.1	32.9
VGM 320	403.2	366.9	342.0	322.1	292.1	253.1	225.4	180.5	146.7	107.0	84.1	68.8	57.9	49.9	43.8	35.1
VGM 340	428.4	389.8	363.4	342.2	310.3	268.9	239.5	191.8	155.9	113.6	89.3	73.1	61.5	53.0	46.5	37.3
VGM 355	447.3	407.0	379.4	357.3	324.0	280.8	250.1	200.3	162.8	118.7	93.3	76.3	64.3	55.4	48.6	39.0
VGM 380	478.8	435.7	406.2	382.5	346.9	300.5	267.7	214.4	174.2	127.0	99.8	81.7	68.8	59.3	52.0	41.7
VGM 400	504.0	458.6	427.5	402.6	365.1	316.4	281.8	225.7	183.4	133.7	105.1	86.0	72.4	62.4	54.7	43.9
VGM 450	567.0	515.9	481.0	452.9	410.8	355.9	317.0	253.9	206.3	150.4	118.2	96.7	81.5	70.2	61.6	49.4
VGM 500	630.0	573.3	534.4	503.3	456.4	395.4	352.2	282.1	229.3	167.1	131.4	107.5	90.5	78.0	68.4	54.9
VGM 550	693.0	630.6	587.9	553.6	502.0	435.0	387.5	310.3	252.2	183.8	144.5	118.2	99.6	85.8	75.3	60.4
VGM 600	756.0	687.9	641.3	603.9	547.7	474.5	422.7	338.5	275.1	200.5	157.6	129.0	108.6	93.6	82.1	65.9
VGM 675	850.5	773.9	721.5	679.4	616.1	533.8	475.5	380.8	309.5	225.6	177.4	145.1	122.2	105.3	92.4	74.1
VGM 750	945.0	859.9	801.6	754.9	684.6	593.2	528.4	423.1	343.9	250.7	197.1	161.2	135.8	117.0	102.6	82.4
VGM 1000	1260.0	1146.5	1068.9	1006.5	912.8	790.9	704.5	564.2	458.5	334.2	262.7	215.0	181.0	156.0	136.9	109.8
VGM 1250	1575.0	1433.1	1336.1	1258.2	1141.0	988.6	880.6	705.2	573.1	417.8	328.4	268.7	226.3	194.9	171.1	137.3

End Voltage 1.10 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 11	11.3	10.2	9.6	9.0	8.2	7.3	6.6	5.5	4.7	3.5	2.8	2.3	1.9	1.7	1.5	1.2
VGM 18	18.5	16.7	15.7	14.8	13.4	11.9	10.8	9.0	7.6	5.8	4.6	3.8	3.2	2.7	2.4	1.9

End Voltage 1.10 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 24	24.6	22.3	20.9	19.7	17.8	15.9	14.4	12.0	10.2	7.7	6.1	5.0	4.3	3.7	3.2	2.6
VGM 30	30.8	27.8	26.1	24.7	22.3	19.9	18.0	15.0	12.7	9.6	7.7	6.3	5.3	4.6	4.0	3.2
VGM 40	41.0	37.1	34.8	32.9	29.7	26.5	23.9	20.1	17.0	12.8	10.2	8.4	7.1	6.1	5.4	4.3
VGM 48	49.2	44.6	41.8	39.5	35.7	31.8	28.7	24.1	20.4	15.3	12.3	10.1	8.5	7.3	6.4	5.2
VGM 55	56.4	51.1	47.9	45.2	40.9	36.4	32.9	27.6	23.4	17.6	14.0	11.6	9.7	8.4	7.4	5.9
VGM 65	66.7	60.3	56.6	53.4	48.3	43.0	38.9	32.6	27.6	20.8	16.6	13.7	11.5	9.9	8.7	7.0
VGM 75	76.9	69.6	65.3	61.7	55.7	49.6	44.9	37.6	31.9	24.0	19.2	15.8	13.3	11.5	10.1	8.1
VGM 90	92.3	83.5	78.3	74.0	66.9	59.6	53.9	45.1	38.2	28.8	23.0	18.9	15.9	13.7	12.1	9.7
VGM 110	112.8	102.1	95.7	90.4	81.7	72.8	65.9	55.2	46.7	35.1	28.1	23.1	19.5	16.8	14.7	11.8
VGM 125	128.2	116.0	108.8	102.8	92.9	82.7	74.8	62.7	53.1	39.9	31.9	26.3	22.1	19.1	16.8	13.5
VGM 140	143.6	130.0	121.8	115.1	104.0	92.6	83.8	70.2	59.5	44.7	35.8	29.4	24.8	21.4	18.8	15.1
VGM 160	164.1	148.5	139.3	131.5	118.9	105.9	95.8	80.2	68.0	51.1	40.9	33.6	28.3	24.4	21.4	17.2
VGM 185	189.7	171.7	161.0	152.1	137.4	122.4	110.8	92.8	78.6	59.1	47.2	38.9	32.8	28.3	24.8	19.9
VGM 205	210.2	190.3	178.4	168.5	152.3	135.7	122.7	102.8	87.1	65.5	52.4	43.1	36.3	31.3	27.5	22.1
VGM 225	230.7	208.8	195.8	185.0	167.2	148.9	134.7	112.8	95.6	71.9	57.5	47.3	39.9	34.4	30.2	24.2
VGM 250	256.4	232.1	217.6	205.5	185.7	165.4	149.7	125.4	106.2	79.9	63.8	52.5	44.3	38.2	33.5	26.9
VGM 270	276.9	250.6	235.0	222.0	200.6	178.7	161.7	135.4	114.7	86.3	69.0	56.7	47.8	41.2	36.2	29.1
VGM 300	307.6	278.5	261.1	246.6	222.9	198.5	179.6	150.5	127.5	95.8	76.6	63.0	53.1	45.8	40.2	32.3
VGM 320	328.1	297.0	278.5	263.1	237.7	211.8	191.6	160.5	136.0	102.2	81.7	67.2	56.7	48.9	42.9	34.4
VGM 340	348.6	315.6	295.9	279.5	252.6	225.0	203.6	170.5	144.5	108.6	86.8	71.4	60.2	51.9	45.6	36.6
VGM 355	364.0	329.5	309.0	291.8	263.7	234.9	212.5	178.0	150.9	113.4	90.7	74.6	62.9	54.2	47.6	38.2
VGM 380	389.7	352.7	330.7	312.4	282.3	251.5	227.5	190.6	161.5	121.4	97.0	79.8	67.3	58.0	50.9	40.9
VGM 400	410.2	371.3	348.1	328.8	297.2	264.7	239.5	200.6	170.0	127.8	102.1	84.0	70.9	61.1	53.6	43.1
VGM 450	461.4	417.7	391.7	369.9	334.3	297.8	269.4	225.7	191.2	143.8	114.9	94.5	79.7	68.7	60.3	48.4
VGM 500	512.7	464.1	435.2	411.0	371.5	330.9	299.4	250.8	212.5	159.7	127.7	105.0	88.6	76.4	67.0	53.8
VGM 550	564.0	510.5	478.7	452.1	408.6	363.9	329.3	275.8	233.7	175.7	140.5	115.5	97.4	84.0	73.7	59.2
VGM 600	615.3	556.9	522.2	493.2	445.8	397.0	359.2	300.9	255.0	191.7	153.2	126.0	106.3	91.6	80.4	64.6

Notes: Values include intercell voltage drops. All data subject to change without notice.

End Voltage 1.10 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 675	692.2	626.5	587.5	554.9	501.5	446.7	404.1	338.5	286.9	215.6	172.4	141.8	119.6	103.1	90.5	72.6
VGM 750	769.1	696.2	652.8	616.5	557.2	496.3	449.0	376.1	318.7	239.6	191.5	157.5	132.9	114.5	100.5	80.7
VGM 1000	1025.4	928.2	870.3	822.1	743.0	661.7	598.7	501.5	425.0	319.5	255.4	210.1	177.1	152.7	134.1	107.6
VGM 1250	1281.8	1160.3	1087.9	1027.6	928.7	827.2	748.4	626.9	531.2	399.3	319.2	262.6	221.4	190.9	167.6	134.5

End Voltage 1.14 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 11	9.0	8.2	7.7	7.3	6.7	6.0	5.4	4.6	4.1	3.2	2.6	2.2	1.9	1.6	1.4	1.2
VGM 18	14.7	13.4	12.6	12.0	10.9	9.8	8.9	7.6	6.7	5.3	4.3	3.6	3.1	2.7	2.3	1.9
VGM 24	19.6	17.9	16.8	15.9	14.6	13.0	11.9	10.1	8.9	7.0	5.8	4.8	4.1	3.6	3.1	2.5
VGM 30	24.5	22.3	21.0	19.9	18.2	16.3	14.8	12.7	11.1	8.8	7.2	6.1	5.1	4.4	3.9	3.2
VGM 40	32.7	29.8	28.0	26.6	24.3	21.7	19.8	16.9	14.8	11.7	9.6	8.1	6.9	5.9	5.2	4.2
VGM 48	39.2	35.7	33.6	31.9	29.1	26.1	23.7	20.3	17.8	14.0	11.5	9.7	8.2	7.1	6.3	5.0
VGM 55	44.9	40.9	38.5	36.5	33.4	29.9	27.2	23.2	20.4	16.1	13.2	11.1	9.4	8.2	7.2	5.8
VGM 65	53.1	48.3	45.5	43.2	39.5	35.3	32.1	27.4	24.1	19.0	15.6	13.1	11.1	9.6	8.5	6.8
VGM 75	61.3	55.8	52.5	49.8	45.5	40.7	37.1	31.7	27.8	21.9	18.0	15.2	12.8	11.1	9.8	7.9
VGM 90	73.5	66.9	63.0	59.8	54.6	48.9	44.5	38.0	33.3	26.3	21.6	18.2	15.4	13.3	11.7	9.5
VGM 110	89.8	81.8	76.9	73.0	66.8	59.7	54.3	46.5	40.7	32.1	26.4	22.2	18.8	16.3	14.3	11.6
VGM 125	102.1	93.0	87.4	83.0	75.9	67.9	61.8	52.8	46.3	36.5	30.0	25.3	21.4	18.5	16.3	13.1
VGM 140	114.3	104.1	97.9	93.0	85.0	76.0	69.2	59.1	51.8	40.9	33.6	28.3	24.0	20.8	18.3	14.7
VGM 160	130.7	119.0	111.9	106.2	97.1	86.9	79.0	67.6	59.2	46.7	38.4	32.3	27.4	23.7	20.9	16.8
VGM 185	151.1	137.6	129.4	122.8	112.3	100.5	91.4	78.1	68.5	54.0	44.4	37.4	31.7	27.4	24.1	19.4
VGM 205	167.4	152.5	143.4	136.1	124.4	111.3	101.3	86.6	75.9	59.9	49.2	41.4	35.1	30.4	26.7	21.5
VGM 225	183.8	167.4	157.4	149.4	136.6	122.2	111.2	95.0	83.3	65.7	54.0	45.5	38.5	33.4	29.3	23.6
VGM 250	204.2	186.0	174.9	166.0	151.8	135.8	123.5	105.6	92.5	73.0	60.0	50.5	42.8	37.1	32.6	26.3
VGM 270	220.5	200.8	188.9	179.3	163.9	146.6	133.4	114.0	99.9	78.8	64.8	54.5	46.3	40.0	35.2	28.4

Notes: Values include intercell voltage drops. All data subject to change without notice.

End Voltage 1.14 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 300	245.0	223.2	209.8	199.2	182.1	162.9	148.2	126.7	111.0	87.6	72.0	60.6	51.4	44.5	39.1	31.5
VGM 320	261.4	238.0	223.8	212.5	194.3	173.8	158.1	135.1	118.4	93.4	76.8	64.6	54.8	47.4	41.7	33.6
VGM 340	277.7	252.9	237.8	225.8	206.4	184.7	168.0	143.6	125.8	99.3	81.6	68.7	58.2	50.4	44.3	35.7
VGM 355	290.0	264.1	248.3	235.7	215.5	192.8	175.4	149.9	131.4	103.6	85.2	71.7	60.8	52.6	46.3	37.3
VGM 380	310.4	282.7	265.8	252.3	230.7	206.4	187.7	160.5	140.6	110.9	91.2	76.8	65.1	56.3	49.6	39.9
VGM 400	326.7	297.5	279.8	265.6	242.8	217.2	197.6	168.9	148.0	116.8	96.0	80.8	68.5	59.3	52.2	42.0
VGM 450	367.5	334.7	314.8	298.8	273.2	244.4	222.3	190.0	166.5	131.4	108.0	90.9	77.1	66.7	58.7	47.3
VGM 500	408.4	371.9	349.7	332.0	303.5	271.5	247.0	211.1	185.0	146.0	120.0	101.0	85.7	74.1	65.2	52.5
VGM 550	449.2	409.1	384.7	365.2	333.9	298.7	271.7	232.3	203.5	160.6	132.1	111.1	94.2	81.6	71.7	57.8
VGM 600	490.1	446.3	419.7	398.4	364.2	325.9	296.4	253.4	222.0	175.2	144.1	121.2	102.8	89.0	78.3	63.0
VGM 675	551.3	502.1	472.1	448.2	409.8	366.6	333.5	285.0	249.8	197.1	162.1	136.4	115.6	100.1	88.0	70.9
VGM 750	612.6	557.9	524.6	498.0	455.3	407.3	370.5	316.7	277.5	219.0	180.1	151.5	128.5	111.2	97.8	78.8
VGM 1000	816.8	743.8	699.4	664.0	607.1	543.1	494.0	422.3	370.1	292.0	240.1	202.0	171.3	148.3	130.4	105.0
VGM 1250	1021.0	929.8	874.3	830.0	758.8	678.9	617.5	527.9	462.6	365.0	300.1	252.5	214.1	185.3	163.0	131.3

End Voltage 1.15 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 11	8.4	7.7	7.2	6.9	6.3	5.6	5.1	4.4	3.9	3.1	2.6	2.2	1.9	1.6	1.4	1.1
VGM 18	13.7	12.6	11.9	11.2	10.3	9.2	8.3	7.2	6.3	5.0	4.2	3.6	3.0	2.6	2.3	1.9
VGM 24	18.2	16.8	15.8	15.0	13.7	12.3	11.1	9.5	8.4	6.7	5.6	4.7	4.0	3.5	3.1	2.5
VGM 30	22.8	21.0	19.8	18.7	17.1	15.3	13.9	11.9	10.5	8.4	7.0	5.9	5.1	4.4	3.9	3.1
VGM 40	30.4	28.1	26.4	25.0	22.8	20.5	18.5	15.9	14.0	11.2	9.3	7.9	6.7	5.8	5.1	4.1
VGM 48	36.5	33.7	31.6	30.0	27.4	24.5	22.2	19.1	16.8	13.4	11.2	9.5	8.1	7.0	6.2	5.0
VGM 55	41.8	38.6	36.2	34.3	31.4	28.1	25.5	21.9	19.3	15.4	12.8	10.9	9.3	8.0	7.1	5.7
VGM 65	49.4	45.6	42.8	40.6	37.1	33.2	30.1	25.8	22.8	18.2	15.1	12.8	10.9	9.5	8.3	6.7
VGM 75	57.0	52.6	49.4	46.8	42.8	38.3	34.8	29.8	26.3	21.0	17.4	14.8	12.6	10.9	9.6	7.8

End Voltage 1.15 VpC	Time in Minutes															
Cell Model	5	10	15	20	30	45	60	90	120	180	240	300	360	420	480	600
VGM 90	68.4	63.1	59.3	56.2	51.4	46.0	41.7	35.8	31.6	25.2	20.9	17.8	15.2	13.1	11.6	9.3
VGM 110	83.6	77.2	72.5	68.7	62.8	56.2	51.0	43.7	38.6	30.8	25.6	21.7	18.5	16.0	14.1	11.4
VGM 125	95.0	87.7	82.4	78.1	71.3	63.9	57.9	49.7	43.9	35.0	29.1	24.7	21.0	18.2	16.0	12.9
VGM 140	106.4	98.2	92.3	87.4	79.9	71.6	64.9	55.6	49.1	39.2	32.5	27.7	23.6	20.4	18.0	14.5
VGM 160	121.6	112.3	105.4	99.9	91.3	81.8	74.1	63.6	56.2	44.8	37.2	31.6	26.9	23.3	20.5	16.6
VGM 185	140.6	129.8	121.9	115.5	105.6	94.6	85.7	73.5	64.9	51.8	43.0	36.6	31.2	27.0	23.7	19.1
VGM 205	155.8	143.8	135.1	128.0	117.0	104.8	95.0	81.4	71.9	57.4	47.6	40.5	34.5	29.9	26.3	21.2
VGM 225	171.0	157.9	148.3	140.5	128.4	115.0	104.3	89.4	79.0	63.0	52.3	44.5	37.9	32.8	28.9	23.3
VGM 250	190.0	175.4	164.8	156.1	142.7	127.8	115.8	99.3	87.7	70.0	58.1	49.4	42.1	36.5	32.1	25.9
VGM 270	205.2	189.4	177.9	168.6	154.1	138.1	125.1	107.3	94.8	75.6	62.8	53.4	45.5	39.4	34.7	27.9
VGM 300	228.0	210.5	197.7	187.3	171.2	153.4	139.0	119.2	105.3	84.0	69.7	59.3	50.5	43.7	38.5	31.0
VGM 320	243.2	224.5	210.9	199.8	182.6	163.6	148.3	127.1	112.3	89.6	74.4	63.2	53.9	46.7	41.1	33.1
VGM 340	258.4	238.6	224.1	212.3	194.0	173.9	157.5	135.1	119.3	95.2	79.0	67.2	57.2	49.6	43.6	35.2
VGM 355	269.8	249.1	233.9	221.7	202.6	181.5	164.5	141.0	124.6	99.4	82.5	70.2	59.8	51.8	45.6	36.7
VGM 380	288.8	266.6	250.4	237.3	216.8	194.3	176.1	151.0	133.4	106.4	88.3	75.1	64.0	55.4	48.8	39.3
VGM 400	304.0	280.6	263.6	249.8	228.3	204.5	185.3	158.9	140.4	112.0	93.0	79.0	67.4	58.3	51.3	41.4
VGM 450	341.9	315.7	296.6	281.0	256.8	230.1	208.5	178.8	157.9	126.0	104.6	88.9	75.8	65.6	57.8	46.6
VGM 500	379.9	350.8	329.5	312.2	285.3	255.7	231.7	198.6	175.5	140.0	116.2	98.8	84.2	72.9	64.2	51.7
VGM 550	417.9	385.9	362.5	343.5	313.9	281.2	254.8	218.5	193.0	154.0	127.8	108.7	92.6	80.2	70.6	56.9
VGM 600	455.9	421.0	395.4	374.7	342.4	306.8	278.0	238.4	210.6	168.0	139.5	118.6	101.0	87.5	77.0	62.1
VGM 675	512.9	473.6	444.8	421.5	385.2	345.1	312.8	268.2	236.9	189.0	156.9	133.4	113.7	98.4	86.6	69.9
VGM 750	569.9	526.2	494.3	468.4	428.0	383.5	347.5	298.0	263.2	209.9	174.3	148.2	126.3	109.4	96.3	77.6
VGM 1000	759.9	701.6	659.0	624.5	570.6	511.3	463.4	397.3	351.0	279.9	232.4	197.6	168.4	145.8	128.4	103.5
VGM 1250	949.9	877.0	823.8	780.6	713.3	639.2	579.2	496.6	438.7	349.9	290.5	247.0	210.5	182.3	160.4	129.4

Notes: Values include intercell voltage drops. All data subject to change without notice.