PowerSafe™ V

PERFORMANCE SPECIFICATIONS

EnerSys®
Power/Full Solutions

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Discharge Rates in Amperes to 1.60Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	238.3	141.4	109.7	88.0	73.8	63.7	56.2	51.1	46.2	42.6	39.4	36.9	26.2	20.6	17.0	14.7	11.3	9.27	7.88	6.89	6.09	5.46	4.97	4.22	2.17
12V55	295.3	174.9	135.9	109.0	91.4	79.1	69.8	63.3	57.4	52.7	48.9	45.7	32.4	25.5	21.1	18.2	14.1	11.5	9.77	8.54	7.54	6.77	6.15	5.22	2.69
12V70	354.9	209.6	163.4	131.0	109.9	95.5	84.3	76.1	69.3	63.4	59.0	54.9	39.0	30.6	25.4	21.8	16.9	13.8	11.7	10.3	9.07	8.14	7.39	6.28	3.23
12V80	414.5	244.3	190.8	153.0	128.3	111.8	98.7	88.8	81.1	74.0	69.1	64.1	45.5	35.8	29.6	25.5	19.7	16.1	13.7	12.0	10.6	9.50	8.64	7.33	3.77
4V105	355.7	242.6	185.0	152.1	128.5	111.0	100.6	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V105	355.7	242.6	185.0	152.1	128.5	111.0	100.6	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V130	465.8	338.6	266.0	218.0	186.8	160.9	142.9	128.5	117.2	106.9	98.6	91.7	67.6	54.0	44.9	38.9	30.8	25.4	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	529.4	386.5	304.3	250.8	213.8	186.1	164.5	148.0	133.6	122.3	113.1	104.9	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V155	529.4	386.5	304.3	250.8	213.8	186.1	164.5	148.0	133.6	122.3	113.1	104.9	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V165/2	651.8	445.1	333.1	270.4	225.1	192.2	169.6	154.2	139.8	128.5	120.3	113.1	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	16.2	7.30
2V200	700.1	490.4	379.3	309.1	267.3	237.1	211.5	190.6	174.3	161.4	148.0	134.7	93.5	76.1	61.7	53.5	42.1	35.9	29.6	26.3	24.3	21.7	20.6	17.4	9.56
4V230	514.0	514.0	434.8	358.8	305.3	265.2	235.4	210.7	191.2	174.8	161.4	149.1	107.9	86.6	72.6	62.8	50.1	41.6	36.2	32.2	29.1	26.5	24.3	20.5	10.6
2V275	913.9	637.4	493.4	409.9	358.7	320.2	288.2	262.6	240.2	222.0	203.5	185.0	128.5	104.9	85.3	74.0	57.6	49.4	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	1011.6	738.1	580.8	479.0	407.1	354.7	313.5	281.7	254.9	233.4	214.9	199.4	143.9	115.1	96.5	83.7	66.7	55.5	48.3	43.0	38.9	35.4	32.4	27.3	14.2
2V320	1103.0	784.4	606.5	494.5	415.3	362.9	320.7	289.9	266.3	248.8	231.3	219.0	172.0	133.6	110.7	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	697.0	697.0	697.3	595.0	520.6	464.8	418.4	381.2	348.6	321.8	296.1	269.3	187.1	152.1	123.4	107.9	84.3	71.8	59.2	52.6	48.4	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	870.7	718.6	610.6	531.5	470.8	422.5	382.4	349.5	322.8	299.1	214.9	172.7	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V460/6	1592.4	1161.6	913.9	753.5	641.5	558.2	494.5	443.1	401.9	367.0	338.2	313.5	223.1	177.8	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V500/2	545.9	545.9	545.9	545.9	545.9	545.9	483.2	437.9	401.9	373.2	350.5	327.9	240.6	190.2	154.2	134.7	105.9	89.7	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1955.3	1336.4	999.2	811.1	675.4	576.7	508.9	462.6	419.4	389.6	361.9	340.3	244.7	200.5	164.5	144.9	114.1	95.8	79.3	69.1	64.6	55.2	53.3	48.7	21.9

Discharge Rates in Amperes to 1.63Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	238.3	141.4	109.7	88.0	73.8	63.7	56.2	51.1	46.2	42.6	39.4	36.9	26.2	20.6	17.0	14.7	11.3	9.27	7.88	6.89	6.09	5.46	4.97	4.22	2.17
12V55	295.3	174.9	135.9	109.0	91.4	79.1	69.8	63.3	57.4	52.7	48.9	45.7	32.4	25.5	21.1	18.2	14.1	11.5	9.77	8.54	7.54	6.77	6.15	5.22	2.69
12V70	354.9	209.6	163.4	131.0	109.9	95.5	84.3	76.1	69.3	63.4	59.0	54.9	39.0	30.6	25.4	21.8	16.9	13.8	11.7	10.3	9.07	8.14	7.39	6.28	3.23
12V80	414.5	244.3	190.8	153.0	128.3	111.8	98.7	88.8	81.1	74.0	69.1	64.1	45.5	35.8	29.6	25.5	19.7	16.1	13.7	12.0	10.6	9.50	8.64	7.33	3.77
4V105	342.3	237.5	183.0	151.1	128.5	111.0	100.6	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V105	342.3	237.5	183.0	151.1	128.5	111.0	100.6	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V130	465.8	338.6	266.0	218.0	186.8	160.9	142.9	128.5	117.2	106.9	98.6	91.7	67.6	54.0	44.9	38.9	30.8	25.4	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	525.3	384.5	303.3	250.8	212.8	186.1	164.5	147.0	133.6	122.3	113.1	104.9	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V155	525.3	384.5	303.3	250.8	212.8	186.1	164.5	147.0	133.6	122.3	113.1	104.9	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V165/2	626.1	435.9	330.0	269.3	224.1	191.2	169.6	154.2	139.8	128.5	120.3	113.1	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	16.2	7.30
2V200	700.1	490.4	379.3	309.1	267.3	237.1	211.5	190.6	174.3	161.4	148.0	134.7	93.5	76.1	61.7	53.5	42.1	35.9	29.6	26.3	24.3	21.7	20.6	17.4	9.56
4V230	514.0	514.0	432.8	357.7	304.3	265.2	234.4	210.7	191.2	174.8	161.4	149.1	107.9	86.6	72.6	62.8	50.1	41.6	36.2	32.2	29.1	26.5	24.3	20.5	10.6
2V275	913.9	637.4	493.4	409.9	358.7	320.2	288.2	262.6	240.2	222.0	203.5	185.0	128.5	104.9	85.3	74.0	57.6	49.4	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	1055.8	771.0	607.5	501.7	426.6	371.1	329.0	295.0	267.3	244.7	225.1	208.7	149.1	118.2	96.8	83.7	66.7	55.5	48.3	43.0	38.9	35.4	32.4	27.3	14.2
2V320	1056.8	762.8	595.2	487.3	409.1	358.8	320.7	289.9	266.3	248.8	231.3	219.0	172.0	133.6	110.7	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	697.0	697.0	697.3	595.0	520.6	464.8	418.4	381.2	348.6	321.8	296.1	269.3	187.1	152.1	123.4	107.9	84.3	71.8	59.2	52.6	48.4	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	867.6	715.5	609.6	530.4	469.8	421.5	382.4	349.5	321.8	298.1	214.9	172.7	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V460/6	1583.1	1156.5	910.8	751.5	639.4	557.2	493.4	442.0	400.9	367.0	338.2	313.5	223.1	177.8	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V500/2	545.9	545.9	545.9	545.9	545.9	545.9	483.2	437.9	401.9	373.2	350.5	327.9	240.6	190.2	154.2	134.7	105.9	89.7	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1877.1	1309.7	991.0	807.0	670.3	575.7	508.9	462.6	419.4	389.6	361.9	340.3	244.7	200.5	164.5	144.9	114.1	95.8	79.3	69.1	64.6	55.2	53.3	48.7	21.9

Discharge Rates in Amperes to 1.65Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	230.5	139.5	107.1	87.0	73.0	63.0	55.6	50.6	45.8	42.2	39.4	36.9	26.2	20.6	17.0	14.7	11.3	9.27	7.88	6.89	6.09	5.46	4.97	4.22	2.17
12V55	288.3	173.2	133.6	108.1	90.7	78.5	69.3	62.8	57.0	52.4	48.9	45.7	32.4	25.5	21.1	18.2	14.1	11.5	9.77	8.54	7.54	6.77	6.15	5.22	2.69
12V70	351.4	208.7	162.2	130.5	109.5	95.2	84.0	75.8	69.1	63.2	59.0	54.9	39.0	30.6	25.4	21.8	16.9	13.8	11.7	10.3	9.07	8.14	7.39	6.28	3.23
12V80	414.5	244.3	190.8	153.0	128.3	111.8	98.7	88.8	81.1	74.0	69.1	64.1	45.5	35.8	29.6	25.5	19.7	16.1	13.7	12.0	10.6	9.50	8.64	7.33	3.77
4V105	332.0	233.4	182.0	150.1	127.5	111.0	100.6	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V105	332.0	233.4	182.0	150.1	127.5	111.0	100.6	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V130	445.0	328.3	259.5	215.4	184.2	159.6	141.4	127.2	117.2	106.9	98.6	91.7	67.6	54.0	44.9	38.9	30.8	25.4	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	521.2	382.4	302.2	249.8	212.8	185.0	164.5	147.0	133.6	122.3	113.1	104.9	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V155	521.2	382.4	302.2	249.8	212.8	185.0	164.5	147.0	133.6	122.3	113.1	104.9	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V165/2	605.5	427.6	326.9	267.3	224.1	191.2	169.6	154.2	139.8	128.5	120.3	113.1	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	16.2	7.30
2V200	668.2	474.1	367.2	309.1	267.3	237.1	211.5	190.6	174.3	161.1	148.1	134.6	93.4	76.3	61.8	53.8	42.0	35.9	29.6	26.3	24.2	21.7	20.6	17.4	9.51
4V230	514.0	514.0	431.8	356.7	303.3	264.2	234.4	210.7	191.2	174.8	160.4	149.1	107.9	86.6	72.6	62.8	50.1	41.6	36.2	32.2	29.1	26.5	24.3	20.5	10.6
2V275	855.0	614.8	480.3	409.9	358.7	320.2	288.2	262.6	240.2	221.9	204.0	185.5	128.7	105.1	85.1	74.2	58.0	49.5	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	1048.6	766.9	605.5	499.6	425.6	371.1	327.9	295.0	267.3	244.7	225.1	208.7	149.1	118.2	96.8	83.7	66.7	55.5	48.3	43.0	38.9	35.4	32.4	27.3	14.2
2V320	1024.9	748.4	588.0	482.1	406.1	357.7	320.7	289.9	266.3	248.8	231.3	219.0	172.0	133.6	110.7	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	697.0	697.0	697.3	595.0	520.6	464.8	418.4	381.2	348.6	322.1	296.1	269.2	186.7	152.6	123.6	107.7	84.2	71.8	59.2	52.6	48.5	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	864.5	713.4	607.5	529.4	468.8	420.5	381.4	349.5	321.8	298.1	214.9	172.7	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V460/6	1572.8	1150.3	907.7	749.4	638.4	556.1	492.4	442.0	400.9	367.0	338.2	313.5	223.1	177.8	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V500/2	545.9	545.9	545.9	545.9	545.9	545.9	483.2	437.9	401.9	373.2	350.5	327.9	240.6	190.2	154.2	134.7	105.9	89.7	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1818.5	1284.0	982.8	802.9	670.3	575.7	508.9	462.6	419.4	389.6	361.9	340.3	244.7	200.5	164.5	144.9	114.1	95.8	79.3	69.1	64.6	55.2	53.3	48.7	21.9

Discharge Rates in Amperes to 1.67Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	222.1	135.5	105.1	84.7	71.9	62.0	54.8	49.9	45.3	41.6	38.9	36.3	25.9	20.4	16.9	14.5	11.3	9.19	7.82	6.84	6.04	5.42	4.93	4.18	2.16
12V55	276.8	167.9	130.8	105.3	89.3	77.1	68.1	62.0	56.3	51.7	48.3	45.0	32.1	25.3	20.9	18.0	13.9	11.4	9.69	8.47	7.49	6.72	6.11	5.19	2.68
12V70	335.6	201.6	158.2	127.2	107.6	93.2	82.3	74.7	67.9	62.3	58.1	54.1	38.6	30.4	25.1	21.6	16.8	13.7	11.6	10.2	9.00	8.07	7.34	6.23	3.22
12V80	394.4	235.4	185.5	149.0	125.9	109.2	96.4	87.3	79.6	72.8	68.0	63.2	45.1	35.4	29.3	25.3	19.6	16.0	13.6	11.9	10.5	9.43	8.57	7.28	3.76
4V105	321.8	228.2	179.9	149.1	127.5	111.0	100.5	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V105	321.8	228.2	179.9	149.1	127.5	111.0	100.5	91.8	84.5	78.2	72.2	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V130	431.0	320.0	254.3	211.7	181.1	157.5	139.9	125.6	115.5	106.1	97.6	91.2	67.6	54.0	44.9	38.9	30.8	25.4	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	516.1	379.3	300.2	248.8	211.8	185.0	163.5	147.0	133.6	122.3	112.1	103.8	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V155	516.1	379.3	300.2	248.8	211.8	185.0	163.5	147.0	133.6	122.3	112.1	103.8	74.4	59.1	48.4	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V165/2	587.0	418.4	321.8	264.2	222.0	191.2	169.6	154.2	139.8	128.5	120.3	113.1	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	16.2	7.30
2V200	646.8	461.1	358.9	302.6	262.6	232.4	208.7	188.7	172.5	159.9	147.4	133.7	93.4	76.3	61.8	53.8	42.0	35.9	29.6	26.3	24.2	21.7	20.6	17.4	9.51
4V230	514.0	514.0	428.7	354.7	302.2	264.2	233.4	209.7	190.2	174.8	160.4	149.1	107.9	86.6	72.6	62.8	50.1	41.6	36.2	32.2	29.1	26.5	24.3	20.5	10.6
2V275	829.4	599.5	470.1	403.5	353.5	315.1	284.4	260.0	237.6	220.3	203.1	184.2	128.7	105.1	85.1	74.2	58.0	49.5	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	1039.3	761.7	602.4	497.6	424.6	369.1	326.9	294.0	266.3	243.6	225.1	208.7	149.1	118.2	96.8	83.7	66.7	55.5	48.3	43.0	38.9	35.4	32.4	27.3	14.2
2V320	996.1	731.9	576.7	476.0	403.0	354.7	317.7	287.8	266.3	248.8	231.3	219.0	172.0	133.6	110.7	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	682.2	682.2	682.4	585.7	513.2	457.4	412.8	377.5	344.9	319.7	294.8	267.4	186.7	152.6	123.6	107.7	84.2	71.8	59.2	52.6	48.5	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	860.4	710.3	605.5	528.4	467.7	419.4	381.4	348.5	321.8	298.1	214.9	172.7	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V460/6	1558.4	1143.1	902.6	746.3	636.3	554.1	491.4	441.0	399.9	366.0	337.2	312.5	223.1	177.8	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V500/2	536.8	536.8	536.8	536.8	536.8	536.8	476.6	432.6	397.4	369.9	346.0	324.6	240.6	190.2	154.2	134.7	105.9	89.7	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1761.0	1256.2	968.4	794.6	666.1	575.7	508.9	462.6	419.4	389.6	361.9	340.3	244.7	200.5	164.5	144.9	114.1	95.8	79.3	69.1	64.6	55.2	53.3	48.7	21.9

Discharge Rates in Amperes to 1.69Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	213.6	131.6	103.1	82.4	70.9	61.0	53.9	49.3	44.7	41.1	38.4	35.7	25.7	20.2	16.7	14.4	11.2	9.12	7.76	6.78	5.99	5.38	4.89	4.15	2.15
12V55	265.2	162.6	128.0	102.5	87.9	75.7	66.9	61.1	55.5	51.0	47.6	44.3	31.8	25.0	20.7	17.9	13.8	11.3	9.61	8.40	7.43	6.67	6.06	5.15	2.67
12V70	319.7	194.5	154.1	123.8	105.7	91.1	80.5	73.5	66.8	61.3	57.3	53.2	38.2	30.1	24.9	21.5	16.6	13.6	11.5	10.1	8.93	8.01	7.28	6.19	3.20
12V80	374.2	226.5	180.3	145.1	123.6	106.6	94.2	85.9	78.1	71.6	66.9	62.2	44.6	35.1	29.1	25.1	19.4	15.9	13.5	11.8	10.4	9.36	8.50	7.22	3.74
4V105	310.5	224.1	177.8	148.0	126.4	111.0	100.3	91.7	84.3	77.9	72.1	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V105	310.5	224.1	177.8	148.0	126.4	111.0	100.3	91.7	84.3	77.9	72.1	66.9	48.3	38.8	32.5	28.0	22.3	18.6	16.1	14.4	13.0	11.8	10.8	9.15	4.73
6V130	417.0	311.7	249.1	208.1	178.0	155.4	138.3	124.0	113.7	105.3	96.5	90.7	67.6	54.0	44.9	38.9	30.8	25.4	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	504.7	374.2	297.1	246.7	210.7	184.0	162.4	146.0	132.6	121.3	112.1	103.8	74.2	58.9	48.3	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V155	504.7	374.2	297.1	246.7	210.7	184.0	162.4	146.0	132.6	121.3	112.1	103.8	74.2	58.9	48.3	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V165/2	567.8	409.5	317.7	261.4	220.7	191.2	169.6	154.2	139.8	128.5	120.3	113.1	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	15.4	7.30
2V200	625.4	448.1	350.5	296.1	258.0	227.8	205.9	186.9	170.6	158.7	146.8	132.8	93.4	76.3	61.8	53.8	42.0	35.9	29.6	26.3	24.2	21.7	20.6	17.4	9.51
4V230	514.0	514.0	424.6	351.6	300.2	262.1	232.3	208.7	190.2	173.7	160.4	149.1	106.9	86.2	72.5	62.8	50.1	41.6	36.2	32.2	29.1	26.5	24.3	20.5	10.6
2V275	803.8	584.1	459.8	397.1	348.4	310.0	280.5	257.5	235.0	218.6	202.2	183.0	128.7	105.1	85.1	74.2	58.0	49.5	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	1027.0	754.6	597.3	494.5	421.5	368.0	325.9	293.0	266.3	243.6	224.1	208.7	148.0	118.2	96.6	83.7	66.7	55.5	48.3	43.0	38.9	35.4	32.4	27.3	14.2
2V320	968.0	714.8	565.7	469.8	400.2	351.2	314.2	286.5	266.3	248.8	231.3	219.0	172.0	133.6	110.7	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	667.4	667.4	667.5	576.4	505.8	450.0	407.2	373.7	341.2	317.3	293.5	265.6	186.7	152.6	123.6	107.7	84.2	71.8	59.2	52.6	48.5	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	853.2	706.2	602.4	525.3	465.7	418.4	379.3	347.5	320.7	297.1	214.9	172.7	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V460/6	1539.9	1132.9	896.4	741.2	632.2	552.0	489.3	439.0	398.9	364.9	336.2	312.5	223.1	176.8	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V500/2	527.8	527.8	527.8	527.8	527.8	527.8	470.0	427.2	392.9	366.6	341.5	321.4	240.6	190.2	154.2	134.7	105.9	89.7	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1704.1	1228.8	953.3	786.4	662.8	575.7	508.9	462.6	419.4	389.6	361.9	340.3	244.7	200.5	164.5	144.9	114.1	95.8	79.3	69.1	64.6	55.2	53.3	46.3	21.9

Discharge Rates in Amperes to 1.71Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	200.4	128.7	101.4	80.6	69.7	60.2	53.2	48.5	44.1	40.7	38.0	35.5	25.4	20.0	16.6	14.3	11.1	9.06	7.71	6.73	5.96	5.35	4.86	4.13	2.14
12V55	248.4	158.9	125.6	100.2	86.3	74.5	65.9	60.1	54.7	50.5	47.0	43.9	31.5	24.8	20.6	17.7	13.7	11.2	9.55	8.34	7.38	6.63	6.02	5.12	2.66
12V70	298.5	190.0	151.0	120.9	103.8	89.6	79.2	72.2	65.7	60.7	56.5	52.8	37.9	29.8	24.7	21.3	16.5	13.5	11.5	10.0	8.87	7.97	7.24	6.15	3.19
12V80	348.6	221.1	176.3	141.6	121.2	104.6	92.5	84.4	76.8	70.9	66.0	61.7	44.2	34.8	28.9	24.9	19.2	15.8	13.4	11.7	10.4	9.30	8.45	7.18	3.73
4V105	299.1	220.0	175.8	147.0	125.4	110.0	99.9	91.5	83.9	77.5	71.8	66.8	48.2	38.8	32.5	28.0	22.3	18.5	16.1	14.3	13.0	11.7	10.8	9.15	4.73
6V105	299.1	220.0	175.8	147.0	125.4	110.0	99.9	91.5	83.9	77.5	71.8	66.8	48.2	38.8	32.5	28.0	22.3	18.5	16.1	14.3	13.0	11.7	10.8	9.15	4.73
6V130	402.7	303.1	243.4	203.7	174.6	153.1	136.2	122.5	111.8	103.9	95.5	89.9	67.2	53.8	44.8	38.8	30.7	25.3	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	489.3	364.9	292.0	242.6	207.7	182.0	161.4	144.9	131.6	120.3	111.0	103.8	73.7	58.6	48.2	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V155	489.3	364.9	292.0	242.6	207.7	182.0	161.4	144.9	131.6	120.3	111.0	103.8	73.7	58.6	48.2	41.8	33.3	27.8	24.2	21.5	19.4	17.7	16.1	13.7	7.09
6V165/2	546.3	399.5	312.3	257.4	218.1	190.0	168.4	153.2	139.2	128.1	120.5	112.9	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	15.4	7.30
2V200	602.0	434.6	341.7	289.6	252.9	223.6	202.7	184.1	168.3	156.4	144.9	131.5	92.4	75.4	61.4	53.4	41.8	35.7	29.6	26.3	24.2	21.7	20.6	17.4	9.51
4V230	514.0	514.0	417.4	347.5	297.1	260.1	231.3	207.7	189.2	172.7	159.3	148.0	106.9	85.8	72.3	62.7	50.0	41.6	36.2	32.2	29.1	26.5	24.3	20.5	10.6
2V275	772.7	564.9	447.0	386.8	340.7	303.6	275.4	253.6	231.8	215.4	199.7	181.1	127.4	103.9	84.5	73.6	57.7	49.2	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	999.2	739.1	587.0	487.3	416.3	363.9	322.8	289.9	264.2	241.6	223.1	206.6	147.0	117.2	96.4	83.6	66.6	55.4	48.2	43.0	38.9	35.3	32.3	27.2	14.2
2V320	935.7	695.3	553.7	461.6	395.2	347.1	310.7	284.1	265.2	248.2	231.2	218.8	171.6	133.6	110.7	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	678.7	678.6	648.9	561.5	494.6	440.7	399.8	368.2	336.5	312.7	289.9	263.0	184.9	150.8	122.7	106.8	83.7	71.3	59.2	52.6	48.5	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	841.9	698.0	597.3	521.2	462.6	416.3	378.3	346.4	319.7	296.1	213.8	171.7	144.9	125.4	99.9	83.2	72.4	64.4	58.2	52.9	48.4	40.9	21.2
2V460/6	1499.9	1109.2	881.0	730.9	625.0	545.9	484.2	435.9	395.8	362.9	334.1	310.5	221.0	175.8	144.9	125.4	99.9	83.2	72.4	64.4	58.2	52.9	48.4	40.9	21.2
2V500/2	517.5	517.5	517.5	517.5	517.5	517.5	462.2	421.1	388.4	362.7	338.2	318.5	239.9	188.1	153.2	133.4	105.3	89.2	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1641.7	1198.2	936.3	773.7	655.7	571.6	505.4	459.3	418.0	388.2	361.0	339.2	244.7	200.3	164.5	144.9	113.1	95.8	79.3	69.1	64.6	55.2	53.3	46.3	21.9

Discharge Rates in Amperes to 1.73Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	182.5	126.8	99.9	79.3	68.3	59.4	52.5	47.7	43.5	40.5	37.6	35.5	25.3	19.8	16.5	14.2	11.0	9.02	7.68	6.67	5.93	5.33	4.84	4.11	2.14
12V55	226.1	156.8	123.8	98.4	84.7	73.6	65.1	59.1	53.9	50.2	46.5	43.9	31.3	24.6	20.5	17.6	13.6	11.2	9.51	8.27	7.35	6.60	6.00	5.10	2.65
12V70	271.8	187.9	148.7	118.5	101.7	88.4	78.2	71.0	64.8	60.3	55.9	52.8	37.6	29.5	24.6	21.1	16.3	13.4	11.4	9.94	8.84	7.93	7.21	6.13	3.18
12V80	317.4	219.1	173.7	138.7	118.8	103.3	91.4	82.9	75.7	70.5	65.3	61.7	43.9	34.5	28.8	24.7	19.1	15.7	13.4	11.6	10.3	9.27	8.42	7.15	3.71
4V105	287.8	214.9	172.7	144.9	124.4	109.0	99.4	91.1	83.5	77.0	71.4	66.6	48.1	38.8	32.4	27.9	22.3	18.5	16.0	14.3	13.0	11.7	10.8	9.05	4.73
6V105	287.8	214.9	172.7	144.9	124.4	109.0	99.4	91.1	83.5	77.0	71.4	66.6	48.1	38.8	32.4	27.9	22.3	18.5	16.0	14.3	13.0	11.7	10.8	9.05	4.73
6V130	388.2	294.3	237.2	198.5	171.0	150.5	133.6	120.9	109.8	101.9	94.5	88.8	66.5	53.4	44.4	38.4	30.5	25.0	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	467.7	353.6	283.7	237.5	203.5	177.8	158.3	142.9	129.5	119.2	110.0	102.3	73.1	58.2	48.1	41.7	33.3	27.8	24.1	21.5	19.4	17.6	16.1	13.6	7.09
6V155	467.7	353.6	283.7	237.5	203.5	177.8	158.3	142.9	129.5	119.2	110.0	102.3	73.1	58.2	48.1	41.7	33.3	27.8	24.1	21.5	19.4	17.6	16.1	13.6	7.09
6V165/2	522.4	388.4	305.7	252.1	214.4	187.5	165.9	151.1	138.0	127.3	120.9	112.5	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	15.4	7.30
2V200	576.4	420.7	332.4	283.1	247.3	219.9	199.0	180.4	165.5	153.0	141.9	129.7	90.5	73.6	60.5	52.5	41.3	35.2	29.6	26.3	24.2	21.7	20.6	17.4	9.51
4V230	514.0	509.9	409.1	342.3	294.0	257.0	229.2	206.6	187.1	171.7	159.3	148.0	106.9	85.5	72.1	62.6	49.9	41.5	36.1	32.2	29.1	26.4	24.2	20.5	10.6
2V275	736.2	541.8	431.7	372.7	330.5	295.9	269.0	248.5	228.0	210.7	195.6	178.7	124.8	101.4	83.3	72.3	57.0	48.5	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	960.2	716.5	571.6	477.0	408.1	357.7	317.7	285.8	260.1	238.5	220.0	204.6	146.0	116.2	96.1	83.5	66.5	55.4	48.1	42.9	38.8	35.3	32.3	27.2	14.1
2V320	899.1	673.5	540.5	451.3	387.8	342.1	307.0	280.8	263.2	247.0	230.9	218.3	170.9	133.6	110.5	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	716.1	715.8	626.6	541.1	479.7	429.5	390.5	360.7	331.0	305.9	283.9	259.4	181.2	147.2	120.9	105.0	82.8	70.4	59.2	52.6	48.5	43.3	41.1	35.2	19.2
2V460/4	1028.0	1028.0	825.5	687.7	589.0	516.1	458.5	413.3	375.2	344.4	317.7	295.0	212.8	170.6	143.9	125.4	99.8	83.2	72.3	64.4	58.2	52.8	48.3	40.8	21.2
2V460/6	1440.2	1074.3	858.4	714.5	612.7	536.6	477.0	429.7	390.6	357.7	331.0	307.4	219.0	174.8	143.9	125.4	99.8	83.2	72.3	64.4	58.2	52.8	48.3	40.8	21.2
2V500/2	506.0	506.0	506.0	506.0	506.0	506.0	453.1	414.1	383.9	358.2	336.2	316.0	238.7	184.0	151.1	131.0	104.0	88.1	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1573.9	1164.5	917.4	756.4	645.0	563.3	498.4	452.7	415.1	385.3	359.4	337.2	244.7	199.8	164.5	144.9	113.1	95.8	79.3	69.1	62.7	55.5	53.3	46.3	21.9

Discharge Rates in Amperes to 1.75Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	164.6	124.8	98.4	78.0	67.0	58.6	51.9	46.8	42.9	40.3	37.1	35.5	25.1	19.6	16.5	14.1	10.9	8.98	7.64	6.62	5.91	5.31	4.82	4.10	2.13
12V55	203.9	154.7	121.9	96.7	83.0	72.7	64.3	58.0	53.1	49.9	46.0	43.9	31.1	24.3	20.4	17.5	13.5	11.1	9.47	8.20	7.32	6.58	5.98	5.08	2.64
12V70	245.1	185.9	146.5	116.2	99.7	87.3	77.3	69.7	63.8	60.0	55.3	52.8	37.3	29.2	24.5	21.0	16.2	13.4	11.4	9.86	8.80	7.90	7.18	6.10	3.17
12V80	286.2	217.1	171.1	135.7	116.5	102.0	90.2	81.4	74.6	70.1	64.6	61.7	43.6	34.1	28.6	24.5	18.9	15.6	13.3	11.5	10.3	9.23	8.39	7.13	3.70
4V105	276.5	209.7	169.6	142.9	123.4	109.0	98.8	90.6	82.9	76.4	70.9	66.3	48.0	38.6	32.4	27.9	22.2	18.5	16.0	14.3	12.9	11.7	10.7	9.05	4.73
6V105	276.5	209.7	169.6	142.9	123.4	109.0	98.8	90.6	82.9	76.4	70.9	66.3	48.0	38.6	32.4	27.9	22.2	18.5	16.0	14.3	12.9	11.7	10.7	9.05	4.73
6V130	373.7	285.4	231.0	193.3	167.4	147.9	131.0	119.4	107.7	99.9	93.4	87.8	65.8	52.9	44.0	38.1	30.3	24.8	21.6	18.9	16.8	15.2	13.8	11.6	6.18
4V155	439.0	336.2	272.4	229.2	198.4	173.7	155.2	139.8	127.5	117.2	109.0	100.9	72.5	57.7	47.9	41.6	33.2	27.7	24.1	21.4	19.3	17.6	16.0	13.6	6.99
6V155	439.0	336.2	272.4	229.2	198.4	173.7	155.2	139.8	127.5	117.2	109.0	100.9	72.5	57.7	47.9	41.6	33.2	27.7	24.1	21.4	19.3	17.6	16.0	13.6	6.99
6V165/2	498.6	377.3	299.1	246.7	210.7	185.0	163.5	149.1	136.7	126.4	121.3	112.1	81.7	66.8	55.0	48.3	38.0	32.0	26.4	23.0	21.5	18.4	17.8	16.2	7.30
2V200	550.8	406.7	323.1	276.6	241.7	216.2	195.2	176.6	162.7	149.6	138.9	127.9	88.7	71.8	59.6	51.6	40.9	34.8	29.6	26.3	24.2	21.7	20.6	17.4	9.51
4V230	514.0	488.3	395.8	333.1	287.8	252.9	225.1	203.5	185.0	170.6	157.3	147.0	105.9	85.1	71.9	62.5	49.9	41.4	36.0	32.1	29.0	26.3	24.1	20.4	10.6
2V275	699.7	518.8	416.3	358.7	320.2	288.2	262.6	243.4	224.2	206.1	191.4	176.2	122.3	98.9	82.1	71.1	56.4	47.9	40.8	36.3	33.4	29.8	28.3	23.9	13.1
2V310	913.9	688.8	554.1	463.6	398.9	349.5	311.5	281.7	256.0	235.4	216.9	202.5	144.9	115.1	95.7	83.3	66.4	55.2	48.0	42.8	38.7	35.1	32.1	27.1	14.1
2V320	862.5	651.8	527.4	441.0	380.4	337.2	303.3	277.6	261.1	245.9	230.6	217.9	170.1	133.6	110.4	94.1	75.0	61.9	53.5	47.1	41.1	37.0	33.5	28.8	14.6
2V400/2	753.5	753.0	604.3	520.6	464.8	418.4	381.2	353.3	325.4	299.1	277.9	255.8	177.5	143.6	119.2	103.2	81.8	69.6	59.2	52.6	48.5	43.3	41.1	35.2	19.2
2V460/4	1028.0	1000.2	803.9	672.3	578.8	507.8	452.3	408.1	372.1	341.3	315.6	293.0	211.8	170.6	143.9	125.4	99.6	82.9	72.1	64.1	58.0	52.6	48.2	40.7	21.1
2V460/6	1370.3	1033.1	830.6	694.9	598.3	524.3	467.7	421.5	384.5	352.6	325.9	303.3	216.9	172.7	143.9	125.4	99.6	82.9	72.1	64.1	58.0	52.6	48.2	40.7	21.1
2V500/2	494.5	494.5	494.5	494.5	494.5	494.5	444.1	407.1	379.3	353.6	334.1	313.5	237.5	179.9	149.1	128.5	102.8	87.0	74.0	65.8	60.5	54.1	51.4	44.0	24.1
2V500/6	1506.0	1130.8	898.5	739.1	634.3	555.1	491.4	446.2	412.2	382.4	357.7	335.1	244.7	199.4	164.5	144.9	114.1	95.8	79.3	69.1	64.6	55.2	53.3	48.7	21.9

Discharge Rates in Amperes to 1.80Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	147.5	114.6	88.0	73.8	62.4	54.9	49.4	44.7	41.0	38.0	35.4	33.6	24.3	18.9	15.7	13.6	10.5	8.61	7.37	6.42	5.73	5.15	4.68	3.98	2.11
12V55	182.8	140.6	109.0	91.4	77.3	68.0	61.3	55.4	50.8	47.1	43.8	41.6	30.1	23.4	19.5	16.8	13.0	10.7	9.13	7.95	7.10	6.38	5.80	4.93	2.61
12V70	219.7	166.5	131.0	109.9	93.0	81.7	73.6	66.5	61.0	56.6	52.4	50.0	36.1	28.2	23.4	20.2	15.7	12.8	11.0	9.56	8.54	7.67	6.97	5.93	3.14
12V80	256.6	192.4	153.0	128.3	108.6	95.4	86.0	77.7	71.3	66.1	61.0	58.4	42.2	32.9	27.3	23.6	18.3	15.0	12.8	11.2	10.0	8.96	8.14	6.92	3.67
4V105	247.7	194.3	160.4	136.7	118.2	104.9	95.8	88.2	80.9	74.7	69.3	64.6	46.9	37.9	31.9	27.4	21.8	18.2	15.8	14.1	12.7	11.5	10.6	8.94	4.63
6V105	247.7	194.3	160.4	136.7	118.2	104.9	95.8	88.2	80.9	74.7	69.3	64.6	46.9	37.9	31.9	27.4	21.8	18.2	15.8	14.1	12.7	11.5	10.6	8.94	4.63
6V130	334.7	259.5	212.8	180.3	155.7	137.5	122.0	112.9	102.5	94.7	88.2	83.9	62.9	50.4	42.6	36.9	29.3	24.5	21.0	18.4	16.5	14.9	13.6	11.6	6.12
4V155	352.6	283.7	238.5	205.6	179.9	159.3	143.9	130.6	120.3	111.0	103.8	96.6	69.7	56.2	47.3	41.1	32.7	27.2	23.7	21.1	19.0	17.3	15.8	13.4	6.89
6V155	352.6	283.7	238.5	205.6	179.9	159.3	143.9	130.6	120.3	111.0	103.8	96.6	69.7	56.2	47.3	41.1	32.7	27.2	23.7	21.1	19.0	17.3	15.8	13.4	6.89
6V165/2	424.6	333.1	272.4	228.2	198.4	175.8	157.3	143.9	133.6	125.4	118.2	110.0	79.2	65.5	53.5	47.6	38.0	32.0	25.9	22.6	21.5	18.1	17.8	16.2	7.25
2V200	468.3	353.3	285.9	248.7	218.5	195.2	179.0	162.7	148.8	139.5	127.8	120.3	86.2	70.5	58.3	50.9	40.4	34.7	29.5	26.2	24.3	21.7	20.6	17.7	9.33
4V230	514.0	418.4	351.6	303.3	264.2	234.4	211.8	193.3	176.8	163.5	152.1	142.9	102.8	83.6	70.9	61.7	49.0	40.9	35.6	31.7	28.6	25.9	23.7	20.0	10.4
2V275	597.2	451.5	365.1	320.2	285.0	256.2	237.0	224.2	204.9	192.1	176.1	165.7	118.7	97.2	80.3	70.1	55.6	47.8	40.6	36.1	33.5	29.9	28.3	24.0	12.9
2V310	739.1	584.9	486.2	416.3	362.9	320.7	288.9	263.2	241.6	223.1	207.7	193.3	139.8	112.1	94.6	82.2	65.4	54.5	47.5	42.3	38.0	34.5	31.7	26.7	13.9
2V320	757.6	584.9	482.1	408.1	354.7	314.6	289.9	266.3	249.8	235.0	220.9	209.7	160.9	129.5	107.5	92.1	73.4	60.9	53.5	46.1	40.5	36.2	32.9	27.6	14.5
2V400/2	866.9	655.4	529.9	464.8	413.7	371.9	344.0	325.4	297.5	278.9	255.7	240.6	172.3	141.1	116.5	101.8	80.7	69.4	59.0	52.3	48.6	43.5	41.1	34.8	18.7
2V460/4	1028.0	862.5	716.5	613.7	534.6	473.9	426.6	387.6	355.7	329.0	305.3	285.8	206.6	167.6	141.9	123.4	98.0	81.8	71.1	63.3	57.2	51.8	47.5	40.1	20.8
2V460/6	1108.2	876.9	728.9	624.0	543.8	482.1	433.8	394.8	361.9	334.1	310.5	290.9	208.7	168.6	141.9	123.4	98.0	81.8	71.1	63.3	57.2	51.8	47.5	40.1	20.8
2V500/2	452.3	452.3	452.3	452.3	452.3	452.3	413.3	379.3	353.6	331.0	313.5	297.1	223.1	175.8	144.9	127.5	101.8	86.8	73.8	65.4	60.7	54.4	51.4	43.6	23.4
2V500/6	1273.7	999.2	819.3	686.7	597.3	528.4	472.9	432.8	408.1	378.3	354.7	330.0	237.5	196.3	160.4	142.9	114.1	95.8	77.7	67.8	64.6	54.3	53.3	48.7	21.8

Discharge Rates in Amperes to 1.85Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	136.2	102.1	79.4	65.3	55.6	49.2	44.6	40.4	37.8	35.2	32.5	30.7	22.4	18.0	14.8	12.5	9.69	7.99	6.86	5.94	5.32	4.78	4.35	3.70	1.95
12V55	168.8	126.6	98.4	80.9	68.9	60.9	55.2	50.1	46.9	43.6	40.3	38.1	27.7	22.3	18.3	15.5	12.0	9.90	8.50	7.37	6.59	5.92	5.39	4.59	2.42
12V70	202.8	152.1	118.3	97.2	82.8	73.2	66.4	60.2	56.3	52.4	48.4	45.8	33.3	26.8	22.0	18.7	14.4	11.9	10.2	8.85	7.92	7.12	6.48	5.52	2.90
12V80	236.9	177.6	138.2	113.5	96.7	85.5	77.5	70.3	65.8	61.2	56.5	53.5	38.9	31.3	25.7	21.8	16.9	13.9	11.9	10.3	9.25	8.32	7.57	6.44	3.39
4V105	216.9	175.8	146.0	126.4	110.0	97.7	89.7	83.1	76.5	70.8	65.9	61.6	45.4	36.8	30.6	26.3	21.1	17.7	15.3	13.8	12.3	11.2	10.3	8.74	4.52
6V105	216.9	175.8	146.0	126.4	110.0	97.7	89.7	83.1	76.5	70.8	65.9	61.6	45.4	36.8	30.6	26.3	21.1	17.7	15.3	13.8	12.3	11.2	10.3	8.74	4.52
6V130	284.1	224.5	186.8	159.6	138.8	123.3	110.3	101.2	93.4	86.9	80.4	77.3	59.0	47.6	40.4	34.9	27.6	23.1	19.8	17.5	15.6	14.1	12.9	11.0	5.82
4V155	283.7	233.4	203.5	180.9	158.3	141.9	129.5	119.2	110.0	101.7	95.2	89.4	66.1	53.6	45.4	39.6	31.6	26.4	23.1	20.6	18.5	16.9	15.4	13.0	6.68
6V155	283.7	233.4	203.5	180.9	158.3	141.9	129.5	119.2	110.0	101.7	95.2	89.4	66.1	53.6	45.4	39.6	31.6	26.4	23.1	20.6	18.5	16.9	15.4	13.0	6.68
6V165/2	351.6	289.9	246.7	210.7	184.0	163.5	149.1	134.7	126.4	118.2	111.0	102.8	73.5	62.4	51.4	46.0	36.0	30.2	24.8	21.7	20.1	17.3	16.7	15.2	6.89
2V200	382.3	296.3	244.0	213.8	192.9	172.0	158.0	146.4	134.8	125.5	116.2	106.4	77.7	64.8	53.3	47.4	37.4	32.4	27.5	24.3	22.4	20.0	18.7	16.2	8.77
4V230	425.6	349.5	304.3	270.4	237.5	212.8	194.3	177.8	164.5	152.1	142.9	134.7	99.1	80.4	68.2	59.3	47.3	39.7	34.6	30.8	27.8	25.2	23.1	19.4	10.1
2V275	509.2	390.7	320.2	281.8	253.0	230.6	211.3	201.7	185.7	172.9	160.1	146.6	107.0	89.2	73.4	65.3	51.5	44.6	37.9	33.5	30.9	27.5	25.8	22.3	12.1
2V310	588.0	479.0	414.3	366.0	320.7	285.8	260.1	239.5	220.0	204.6	191.2	179.9	132.6	106.9	90.9	79.1	63.0	52.9	46.2	41.1	37.1	33.6	30.8	25.9	13.5
2V320	651.8	524.3	433.8	368.0	319.7	286.8	264.2	244.7	229.2	215.1	205.1	194.3	146.7	121.3	101.7	88.5	70.1	57.9	50.9	45.2	38.9	34.4	31.6	26.9	13.8
2V400/2	739.1	567.1	464.8	409.1	367.2	334.7	306.8	292.9	269.6	251.0	232.4	212.8	155.3	129.5	106.5	94.8	74.8	64.8	55.0	48.7	44.9	39.9	37.5	32.4	17.5
2V460/4	882.0	719.6	621.9	549.0	481.1	428.7	390.6	358.8	331.0	306.3	286.8	269.3	198.4	160.4	136.7	118.2	94.6	79.4	69.3	61.7	55.6	50.5	46.3	39.0	20.1
2V460/6	882.0	719.6	621.9	549.0	481.1	428.7	390.6	358.8	331.0	306.3	286.8	269.3	198.4	160.4	136.7	118.2	94.6	79.4	69.3	61.7	55.6	50.5	46.3	39.0	20.1
2V500/2	404.0	404.0	404.0	404.0	404.0	404.0	370.1	342.3	319.7	356.7	282.7	252.9	203.5	162.4	133.6	118.2	93.5	81.0	68.8	60.8	56.0	49.9	46.9	40.5	22.0
2V500/6	1056.8	871.7	739.1	632.2	552.0	491.4	446.2	407.1	378.3	354.7	332.0	308.4	220.0	187.1	154.2	137.8	107.9	90.6	74.3	65.1	60.5	51.8	50.1	45.8	20.7

Discharge Rates in Watts per Cell to 1.60Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	405.3	257.0	199.2	168.0	140.6	121.9	105.6	95.1	86.9	79.3	73.1	69.0	49.7	39.2	32.5	27.8	21.6	18.2	15.3	13.3	11.7	10.6	9.67	8.22	4.30
12V55	488.3	321.3	249.0	210.0	175.8	152.3	130.9	117.8	107.6	98.2	90.6	85.5	62.3	49.7	41.2	35.2	27.5	22.8	19.2	16.6	14.7	13.2	12.1	10.2	5.33
12V70	576.2	390.2	300.3	246.6	210.0	179.7	158.4	142.6	130.3	118.9	109.7	103.5	75.4	60.1	49.9	42.6	33.3	27.5	23.2	20.1	17.8	16.0	14.6	12.3	6.45
12V80	664.1	459.0	351.6	283.2	244.2	207.0	183.7	165.4	151.1	137.9	127.2	120.0	87.5	69.7	57.8	49.3	38.7	31.9	26.9	23.3	20.6	18.5	17.0	14.3	7.48
4V105	584.9	417.4	326.9	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	584.9	417.4	326.9	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	745.3	592.6	478.8	397.8	343.8	297.0	263.8	237.7	217.4	197.8	183.1	170.6	128.7	103.4	86.3	74.9	59.5	49.3	42.0	36.8	32.6	29.6	27.0	22.7	12.1
4V155	893.3	667.2	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	893.3	667.2	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	1064.0	784.4	616.8	508.9	429.7	380.4	333.1	300.2	272.4	254.9	237.5	220.0	158.3	128.5	107.9	95.2	75.0	63.7	52.4	45.8	43.2	36.8	35.3	32.3	14.6
2V200	1155.1	848.0	671.0	553.2	483.4	431.1	384.7	348.6	320.7	298.1	273.4	250.8	175.8	144.9	118.2	102.8	80.2	68.9	56.5	50.4	46.8	41.8	39.7	33.7	18.4
4V230	925.2	925.2	763.8	637.4	546.9	478.0	425.6	383.4	349.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1507.7	1102.3	873.4	733.3	649.3	582.8	524.4	480.3	441.9	410.2	376.2	345.4	242.6	199.4	162.4	141.9	111.0	94.6	78.1	69.9	64.5	57.6	54.6	46.4	25.4
2V310	1804.1	1341.5	1073.2	894.4	766.9	671.3	597.3	537.6	490.4	449.2	415.3	386.5	277.6	222.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1886.4	1404.2	1122.6	924.2	781.3	689.8	609.6	551.0	508.9	478.0	445.1	422.5	311.5	261.1	213.8	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1234.6	1234.6	1234.2	1064.5	942.5	846.0	761.2	697.3	641.5	596.2	546.9	500.6	351.6	289.9	235.4	205.6	161.4	137.8	114.1	101.8	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1532.7	1277.8	1095.8	959.1	853.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2705.7	2012.8	1609.8	1341.5	1150.3	1006.4	896.4	807.0	735.0	674.4	623.0	579.8	416.3	333.1	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	983.8	983.8	983.8	983.8	983.8	983.8	874.8	794.6	728.9	687.7	647.6	607.5	453.3	362.9	294.0	257.0	201.5	172.7	142.9	127.5	116.8	104.4	99.2	85.2	46.7
2V500/6	3191.9	2353.1	1851.4	1528.6	1290.1	1141.1	1001.3	902.6	817.3	765.1	713.1	661.0	474.9	386.5	323.8	285.8	225.1	191.2	157.3	137.8	129.5	110.0	105.9	97.0	43.8

Discharge Rates in Watts per Cell to 1.63Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	405.3	257.0	199.2	168.0	140.6	121.9	105.6	95.1	86.9	79.3	73.1	69.0	49.7	39.2	32.5	27.8	21.6	18.2	15.3	13.3	11.7	10.6	9.67	8.22	4.30
12V55	488.3	321.3	249.0	210.0	175.8	152.3	130.9	117.8	107.6	98.2	90.6	85.5	62.3	49.7	41.2	35.2	27.5	22.8	19.2	16.6	14.7	13.2	12.1	10.2	5.33
12V70	576.2	390.2	300.3	246.6	210.0	179.7	158.4	142.6	130.3	118.9	109.7	103.5	75.4	60.1	49.9	42.6	33.3	27.5	23.2	20.1	17.8	16.0	14.6	12.3	6.45
12V80	664.1	459.0	351.6	283.2	244.2	207.0	183.7	165.4	151.1	137.9	127.2	120.0	87.5	69.7	57.8	49.3	38.7	31.9	26.9	23.3	20.6	18.5	17.0	14.3	7.48
4V105	584.9	417.4	326.9	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	584.9	417.4	326.9	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	745.3	592.6	478.8	397.8	343.8	297.0	263.8	237.7	217.4	197.8	183.1	170.6	128.7	103.4	86.3	74.9	59.5	49.3	42.0	36.8	32.6	29.6	27.0	22.7	12.1
4V155	893.3	667.2	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	893.3	667.2	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	1064.0	784.4	616.8	508.9	429.7	380.4	333.1	300.2	272.4	254.9	237.5	220.0	158.3	128.5	107.9	95.2	75.0	63.7	52.4	45.8	43.2	36.8	35.3	32.3	14.6
2V200	1155.1	848.0	671.0	553.2	483.4	431.1	384.7	348.6	320.7	298.1	273.4	250.8	175.8	144.9	118.2	102.8	80.2	68.9	56.5	50.4	46.8	41.8	39.7	33.7	18.4
4V230	925.2	925.2	763.8	637.4	546.9	478.0	425.6	383.4	349.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1507.7	1102.3	873.4	733.3	649.3	582.8	524.4	480.3	441.9	410.2	376.2	345.4	242.6	199.4	162.4	141.9	111.0	94.6	78.1	69.9	64.5	57.6	54.6	46.4	25.4
2V310	1804.1	1341.5	1073.2	894.4	766.9	671.3	597.3	537.6	490.4	449.2	415.3	386.5	277.6	222.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1817.5	1365.2	1101.0	910.8	768.9	681.6	609.6	554.1	508.9	478.0	445.1	422.5	311.5	261.1	213.8	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1234.6	1234.6	1234.2	1064.5	942.5	846.0	761.2	697.3	641.5	596.2	546.9	500.6	351.6	289.9	235.4	205.6	161.4	137.8	114.1	101.8	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1532.7	1277.8	1095.8	959.1	853.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2705.7	2012.8	1609.8	1341.5	1150.3	1006.4	896.4	807.0	735.0	674.4	623.0	579.8	416.3	333.1	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	983.8	983.8	983.8	983.8	983.8	983.8	874.8	794.6	728.9	687.7	647.6	607.5	453.3	362.9	294.0	257.0	201.5	172.7	142.9	127.5	116.8	104.4	99.2	85.2	46.7
2V500/6	3191.9	2353.1	1851.4	1528.6	1290.1	1141.1	1001.3	902.6	817.3	765.1	713.1	661.0	474.9	386.5	323.8	285.8	225.1	191.2	157.3	137.8	129.5	110.0	105.9	97.0	43.8

Discharge Rates in Watts per Cell to 1.65Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	395.5	250.0	196.9	165.6	138.3	118.8	105.6	95.1	86.9	79.3	73.1	69.0	49.7	39.2	32.5	27.8	21.6	18.2	15.3	13.3	11.7	10.6	9.67	8.22	4.30
12V55	478.5	312.5	246.1	207.0	172.9	148.4	130.9	117.8	107.6	98.2	90.6	85.5	62.3	49.7	41.2	35.2	27.5	22.8	19.2	16.6	14.7	13.2	12.1	10.2	5.33
12V70	559.1	380.9	297.9	242.7	207.5	176.8	158.4	142.6	130.3	118.9	109.7	103.5	75.4	60.1	49.9	42.6	33.3	27.5	23.2	20.1	17.8	16.0	14.6	12.3	6.45
12V80	639.7	449.2	349.6	278.3	242.2	205.1	183.7	165.4	151.1	137.9	127.2	120.0	87.5	69.7	57.8	49.3	38.7	31.9	26.9	23.3	20.6	18.5	17.0	14.3	7.48
4V105	572.6	412.2	326.9	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	572.6	412.2	326.9	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	734.3	577.7	468.6	394.1	339.2	295.7	262.6	236.5	218.3	199.5	184.4	171.9	128.7	103.4	86.3	74.9	59.5	49.3	42.0	36.8	32.8	29.6	27.0	22.7	12.1
4V155	893.3	667.2	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	893.3	667.2	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	1035.2	780.3	616.8	508.9	429.7	379.3	333.1	300.2	272.4	254.9	237.5	220.0	158.3	128.5	107.9	94.9	74.6	63.3	52.4	45.8	42.8	36.8	35.3	32.3	14.6
2V200	1102.6	820.0	649.6	553.2	483.4	431.1	384.7	348.6	320.7	298.0	273.3	250.4	176.0	144.9	117.7	102.9	80.5	68.9	56.9	50.7	46.8	41.8	39.7	33.7	18.4
4V230	925.2	925.2	763.8	637.4	546.9	478.0	425.6	383.4	349.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1410.6	1063.3	850.2	733.3	649.3	582.8	524.4	480.3	441.9	410.5	376.6	345.0	242.5	199.7	162.0	141.7	111.1	94.9	78.4	69.8	64.4	57.6	54.6	46.4	25.4
2V310	1803.1	1341.5	1073.2	894.4	766.9	671.3	597.3	537.6	490.4	449.2	415.3	386.5	277.6	222.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1783.6	1346.7	1087.6	901.6	763.8	679.5	609.6	554.1	508.9	478.0	445.1	422.5	311.5	261.1	213.8	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1234.6	1234.6	1234.2	1064.5	942.5	846.0	761.2	697.3	641.5	596.0	546.7	500.8	352.0	289.9	235.4	205.7	161.2	137.8	113.8	101.4	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1532.7	1277.8	1095.8	959.1	853.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2703.6	2012.8	1609.8	1341.5	1150.3	1006.4	896.4	807.0	735.0	674.4	623.0	579.8	416.3	333.1	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	983.8	983.8	983.8	983.8	983.8	983.8	874.8	794.6	728.9	687.7	648.0	607.5	453.3	362.9	294.0	257.0	201.5	172.7	142.9	127.5	116.8	104.4	99.2	85.2	46.7
2V500/6	3105.6	2340.8	1851.4	1527.6	1290.1	1141.1	1001.3	902.6	817.3	765.1	713.1	661.0	474.9	385.5	323.8	284.8	224.1	190.2	157.3	137.8	128.5	110.0	105.9	97.0	43.8

Discharge Rates in Watts per Cell to 1.67Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	381.1	245.9	196.3	164.7	137.3	118.1	104.5	94.3	85.9	78.9	72.8	68.3	49.2	39.0	32.4	27.7	21.5	18.0	15.2	13.2	11.7	10.6	9.64	8.19	4.28
12V55	466.8	307.4	245.3	205.9	171.7	147.7	129.4	116.9	106.5	97.7	90.1	84.6	61.7	49.0	40.7	34.7	27.2	22.4	19.0	16.5	14.6	13.1	12.0	10.1	5.31
12V70	546.4	375.4	295.9	241.3	206.4	176.4	156.7	141.5	128.9	118.3	109.1	102.5	75.1	59.6	49.4	42.2	33.1	27.2	23.1	20.0	17.7	15.9	14.5	12.3	6.43
12V80	626.0	443.4	346.5	276.8	241.0	205.1	182.7	164.5	149.9	137.2	126.8	118.8	87.5	69.4	57.6	49.1	38.5	31.7	26.9	23.3	20.6	18.4	16.9	14.2	7.45
4V105	561.3	407.1	324.8	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	561.3	407.1	324.8	272.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	719.4	566.8	461.2	388.3	334.2	292.4	260.2	234.2	215.8	198.6	183.0	171.3	128.7	103.4	86.3	74.9	59.5	49.3	42.0	36.8	32.7	29.6	27.0	22.7	12.1
4V155	889.2	666.1	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	889.2	666.1	534.6	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	1006.4	759.7	602.4	501.7	427.6	379.3	333.1	300.2	272.4	254.9	237.5	220.0	158.3	127.5	107.9	94.6	74.3	63.1	52.4	45.8	42.8	36.8	35.0	32.1	14.6
2V200	1079.6	802.6	637.5	543.9	476.0	424.6	381.9	346.8	318.4	296.9	273.2	249.2	176.0	144.9	117.7	102.9	80.5	68.9	56.9	50.7	46.8	41.8	39.7	33.7	18.4
4V230	1028.0	1028.0	860.4	710.3	605.5	528.4	467.7	419.4	381.4	348.5	321.8	298.1	214.9	172.7	144.9	125.4	100.0	83.2	72.5	64.5	58.3	53.0	48.5	40.9	21.2
2V275	1384.2	1043.8	835.8	725.0	641.3	575.8	519.6	477.8	438.7	409.0	376.5	343.4	242.5	199.7	162.0	141.7	111.1	94.9	78.4	69.8	64.4	57.6	54.6	46.4	25.4
2V310	1798.0	1341.5	1073.2	894.4	766.9	671.3	597.3	537.6	490.4	449.2	415.3	386.5	277.6	222.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1743.5	1317.9	1067.1	890.2	757.6	674.4	603.4	550.0	508.9	478.0	445.1	422.5	311.5	261.1	213.8	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1213.7	1213.7	1213.2	1052.4	930.9	835.8	754.2	693.5	636.8	593.7	546.5	498.4	352.0	289.9	235.4	205.7	161.2	137.8	113.8	101.4	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1532.7	1277.8	1095.8	959.1	853.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2697.5	2012.8	1609.8	1341.5	1150.3	1006.4	896.4	807.0	735.0	674.4	623.0	579.8	416.3	333.1	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	969.8	969.8	969.8	969.8	969.8	969.8	864.5	786.0	726.4	682.8	640.0	601.8	453.3	362.9	294.0	257.0	201.5	172.7	142.9	127.5	116.8	104.4	99.2	85.2	46.7
2V500/6	3020.3	2279.1	1808.3	1505.0	1285.0	1141.1	1001.3	902.6	817.3	765.1	713.1	661.0	474.9	383.4	323.8	283.7	223.1	189.2	157.3	137.8	128.5	110.0	104.9	96.1	43.8

Discharge Rates in Watts per Cell to 1.69Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	366.6	241.9	195.6	163.8	136.4	117.5	103.3	93.6	85.0	78.5	72.4	67.6	48.8	38.9	32.3	27.5	21.4	17.8	15.1	13.2	11.7	10.6	9.60	8.16	4.27
12V55	455.1	302.4	244.5	204.7	170.5	146.9	128.0	115.9	105.4	97.2	89.7	83.8	61.2	48.4	40.1	34.3	26.9	22.1	18.9	16.4	14.5	13.1	11.9	10.1	5.29
12V70	533.7	369.9	294.0	240.0	205.2	176.0	154.9	140.3	127.5	117.7	108.6	101.4	74.7	59.1	49.0	41.8	32.8	26.9	23.0	20.0	17.6	15.8	14.4	12.2	6.40
12V80	612.3	437.5	343.4	275.2	239.9	205.1	181.7	163.6	148.7	136.5	126.5	117.6	87.5	69.1	57.3	48.9	38.4	31.4	26.9	23.3	20.5	18.4	16.8	14.2	7.43
4V105	545.9	401.9	322.8	271.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	545.9	401.9	322.8	271.4	232.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	704.5	555.9	453.8	382.5	329.1	289.0	257.8	231.9	213.3	197.7	181.5	170.7	128.7	103.4	86.3	74.9	59.5	49.3	42.0	36.7	32.6	29.6	27.0	22.7	12.1
4V155	876.9	661.0	532.5	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	876.9	661.0	532.5	446.2	382.4	335.1	298.1	268.3	244.7	224.1	207.7	193.3	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	977.6	738.4	588.0	493.4	426.3	379.3	333.1	300.2	272.4	254.9	237.5	220.0	158.3	126.8	107.9	94.2	74.1	62.8	52.4	45.8	42.4	36.8	34.6	31.8	14.6
2V200	1056.6	785.2	625.4	534.6	468.6	418.1	379.1	344.9	316.1	295.7	273.1	248.1	176.0	144.9	117.7	102.9	80.5	68.9	56.9	50.7	46.8	41.8	39.7	33.7	18.4
4V230	925.2	925.2	760.7	636.3	545.9	478.0	425.6	383.4	349.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1357.8	1024.4	821.4	716.7	633.2	568.7	514.8	475.2	435.5	407.5	376.3	341.8	242.5	199.7	162.0	141.7	111.1	94.9	78.4	69.8	64.4	57.6	54.6	46.4	25.4
2V310	1787.7	1338.5	1073.2	894.4	766.9	671.3	597.3	537.6	490.4	449.2	415.3	386.5	277.6	222.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1707.2	1291.2	1050.6	878.6	752.2	667.5	597.3	547.2	508.9	478.0	445.1	422.5	311.5	261.1	213.8	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1192.7	1192.7	1192.3	1040.3	919.2	825.6	747.2	689.8	632.2	591.5	546.3	496.1	351.9	289.9	235.4	205.7	161.2	137.8	113.8	101.4	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1532.7	1277.8	1095.8	959.1	853.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2682.1	2006.7	1609.8	1341.5	1150.3	1006.4	896.4	807.0	735.0	674.4	623.0	579.8	416.3	333.1	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	955.8	955.8	955.8	955.8	955.8	955.8	854.3	777.4	723.9	677.9	632.8	596.0	453.3	362.9	294.0	257.0	201.5	172.7	142.9	127.5	116.8	104.4	99.1	85.2	46.7
2V500/6	2933.9	2216.7	1765.1	1481.0	1280.2	1141.1	1001.3	902.6	817.3	765.1	713.1	661.0	474.9	381.4	323.8	282.4	222.4	188.4	157.3	137.8	127.2	110.0	104.1	95.5	43.8

Discharge Rates in Watts per Cell to 1.71Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	352.0	237.2	193.8	161.1	135.3	116.4	101.9	92.4	84.0	77.7	71.7	67.1	48.6	38.8	32.2	27.5	21.4	17.7	15.0	13.1	11.6	10.5	9.56	8.12	4.26
12V55	438.5	296.5	242.2	201.4	169.1	145.5	126.1	114.4	104.1	96.3	89.1	83.3	60.9	48.2	40.0	34.1	26.8	21.9	18.8	16.3	14.4	13.1	11.9	10.1	5.28
12V70	515.2	363.1	289.7	236.3	203.2	174.5	152.7	138.5	126.0	116.6	107.8	100.5	74.3	58.7	48.7	41.6	32.6	26.7	22.9	19.9	17.6	15.8	14.3	12.2	6.38
12V80	591.8	429.7	337.1	271.3	237.3	203.5	179.3	161.5	146.8	135.3	125.5	116.5	87.0	68.7	57.1	48.7	38.2	31.3	26.8	23.2	20.5	18.3	16.7	14.1	7.41
4V105	529.4	396.8	319.7	269.3	231.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	529.4	396.8	319.7	269.3	231.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	688.4	544.0	444.6	375.0	323.4	285.0	254.3	229.5	210.2	195.7	180.0	169.7	128.1	103.1	86.0	74.7	59.4	49.1	42.0	36.7	32.6	29.6	27.0	22.7	12.1
4V155	855.3	649.7	525.3	441.0	380.4	334.1	297.1	267.3	243.6	224.1	206.6	192.2	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	855.3	649.7	525.3	441.0	380.4	334.1	297.1	267.3	243.6	224.1	206.6	192.2	138.8	111.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	947.4	720.0	576.1	484.6	420.9	374.2	330.0	297.3	268.3	252.4	235.5	219.2	158.3	126.2	107.9	93.8	74.0	62.5	52.4	45.8	42.0	36.8	34.4	31.7	14.6
2V200	1029.0	766.7	612.4	525.0	460.9	411.9	374.4	341.0	312.4	292.1	270.4	245.8	174.3	143.4	117.0	102.1	80.1	68.5	56.9	50.7	46.8	41.8	39.7	33.7	18.4
4V230	925.2	925.2	753.5	632.2	544.8	478.0	425.6	383.4	349.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1320.7	997.4	802.0	701.3	621.2	558.8	507.1	469.8	430.4	402.4	372.6	338.7	240.2	197.5	161.1	140.7	110.5	94.3	78.4	69.8	64.4	57.6	54.6	46.4	25.4
2V310	1752.7	1318.9	1060.9	888.2	762.8	669.2	595.2	536.6	488.3	448.2	414.3	385.5	276.5	222.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1661.7	1260.7	1031.1	864.1	743.2	660.0	591.1	543.2	507.4	480.1	445.1	422.5	311.5	261.3	213.8	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1215.3	1215.4	1164.2	1018.0	901.8	811.2	736.1	681.9	624.8	584.1	540.8	491.6	348.6	286.7	234.0	204.2	160.4	136.9	113.8	101.4	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1520.4	1272.7	1093.8	959.1	853.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2628.6	1978.9	1592.4	1332.3	1145.2	1003.3	893.3	804.9	733.0	672.3	621.9	577.7	415.3	332.0	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	939.8	939.8	939.8	939.8	939.8	939.8	841.7	767.5	719.0	671.9	627.5	591.5	452.5	359.0	292.4	255.1	200.5	171.7	142.9	127.5	116.8	104.4	99.1	85.2	46.7
2V500/6	2843.0	2161.7	1729.3	1454.6	1263.4	1125.5	992.0	893.9	812.3	761.1	709.9	658.7	474.9	379.5	323.8	281.3	222.0	187.5	157.3	137.8	126.2	110.0	103.6	95.1	43.8

Discharge Rates in Watts per Cell to 1.73Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	337.1	231.9	190.6	156.7	134.1	114.8	100.4	90.7	82.8	76.6	70.7	66.7	48.5	38.8	32.2	27.5	21.4	17.7	15.0	13.1	11.6	10.5	9.53	8.06	4.24
12V55	417.0	289.9	238.3	195.9	167.6	143.6	123.8	112.4	102.6	95.0	88.3	83.3	60.9	48.4	40.1	34.3	26.8	22.0	18.7	16.3	14.4	13.0	11.8	10.0	5.27
12V70	490.7	354.9	283.0	230.5	200.5	172.0	149.9	136.1	124.2	115.0	106.9	99.7	73.7	58.4	48.6	41.5	32.4	26.7	22.7	19.8	17.5	15.7	14.3	12.1	6.35
12V80	564.5	419.9	327.7	265.0	233.4	200.4	175.6	158.3	144.3	133.8	123.8	115.6	86.2	68.3	56.8	48.5	37.9	31.2	26.5	23.1	20.4	18.3	16.7	14.1	7.40
4V105	513.0	390.6	317.7	268.3	231.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	513.0	390.6	317.7	268.3	231.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	671.2	531.0	433.6	365.8	316.9	280.4	249.7	226.9	206.6	192.5	178.5	168.2	127.0	102.5	85.5	74.2	59.0	48.5	42.0	36.8	32.6	29.6	27.0	22.7	12.1
4V155	824.5	633.2	515.0	433.8	374.2	330.0	295.0	266.3	242.6	222.0	205.6	191.2	137.8	110.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	824.5	633.2	515.0	433.8	374.2	330.0	295.0	266.3	242.6	222.0	205.6	191.2	137.8	110.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	915.7	704.4	566.6	475.1	411.4	363.9	323.8	291.5	260.1	245.9	231.7	217.5	158.3	125.8	107.9	93.4	74.0	62.1	52.4	45.8	41.9	36.8	34.3	31.6	14.6
2V200	996.8	747.1	598.5	515.3	453.0	405.8	367.9	334.9	307.3	285.8	265.0	242.5	170.9	140.2	115.6	100.6	79.3	67.6	56.9	50.7	46.8	41.8	39.7	33.7	18.4
4V230	925.2	912.9	742.2	625.0	540.7	476.0	424.6	383.4	349.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1272.8	963.0	777.7	678.9	605.2	546.0	496.5	461.4	423.3	393.8	365.2	334.1	235.7	193.2	159.1	138.6	109.4	93.1	78.4	69.8	64.4	57.6	54.6	46.4	25.4
2V310	1695.2	1286.0	1040.3	873.8	753.5	662.0	591.1	532.5	485.2	445.1	411.2	382.4	275.5	221.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1607.0	1226.6	1008.5	846.9	730.9	651.8	584.9	537.8	504.5	471.9	445.1	422.5	311.5	261.7	209.7	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1281.5	1281.7	1128.9	985.5	878.6	792.6	720.7	669.8	614.5	571.6	530.1	485.0	342.1	280.5	231.1	201.2	158.7	135.2	113.8	101.4	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1850.4	1499.9	1260.3	1086.6	955.0	852.2	768.9	700.1	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2543.3	1929.6	1560.5	1310.7	1129.8	994.1	886.1	799.8	727.8	668.2	617.8	573.6	413.3	331.0	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	921.7	921.7	921.7	921.7	921.7	921.7	826.9	756.4	711.6	664.9	624.2	588.2	450.9	351.2	289.1	251.4	198.4	169.6	142.9	127.5	116.8	104.4	99.1	85.2	46.7
2V500/6	2747.6	2114.0	1700.9	1425.8	1234.6	1094.2	973.5	876.7	802.5	753.0	703.7	654.2	474.9	377.9	323.8	280.4	222.0	186.3	157.3	137.8	125.8	110.0	103.2	94.7	43.8

Discharge Rates in Watts per Cell to 1.75Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	322.3	226.6	187.5	152.3	132.8	113.3	98.8	89.1	81.6	75.6	69.7	66.4	48.5	38.8	32.2	27.5	21.5	17.7	15.0	13.1	11.6	10.4	9.49	8.01	4.23
12V55	395.5	283.2	234.4	190.4	166.0	141.6	121.5	110.4	101.1	93.6	87.6	83.3	60.8	48.6	40.3	34.4	26.9	22.1	18.7	16.4	14.4	13.0	11.8	10.0	5.26
12V70	466.3	346.7	276.4	224.6	197.8	169.4	147.1	133.7	122.4	113.3	106.0	98.9	73.1	58.2	48.4	41.4	32.3	26.6	22.5	19.7	17.4	15.6	14.2	12.0	6.32
12V80	537.1	410.2	318.4	258.8	229.5	197.3	171.8	155.0	141.9	132.3	122.1	114.6	85.4	67.8	56.6	48.3	37.7	31.2	26.3	23.0	20.3	18.3	16.6	14.0	7.39
4V105	497.6	383.4	313.5	266.3	230.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	497.6	383.4	313.5	266.3	230.3	203.5	184.0	168.6	156.3	144.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	653.9	518.1	422.6	356.7	310.5	275.9	245.1	224.4	203.0	189.3	177.0	166.8	126.0	101.9	85.0	73.8	58.7	48.0	42.0	36.8	32.6	29.6	27.0	22.7	12.1
4V155	780.3	607.5	498.6	422.5	366.0	323.8	289.9	263.2	240.6	221.0	204.6	190.2	136.7	110.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	780.3	607.5	498.6	422.5	366.0	323.8	289.9	263.2	240.6	221.0	204.6	190.2	136.7	110.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	884.1	688.8	557.2	465.7	401.9	353.6	317.7	285.8	251.9	239.8	227.9	215.9	158.3	125.4	107.9	93.1	74.0	61.7	52.4	45.8	41.7	36.8	34.2	31.5	14.6
2V200	964.6	727.5	584.5	505.5	445.1	399.8	361.4	328.9	302.1	279.6	259.7	239.2	167.6	137.1	114.2	99.1	78.4	66.7	56.9	50.7	46.8	41.8	39.7	33.7	18.4
4V230	925.2	882.0	723.7	612.7	531.5	469.8	421.5	381.4	348.5	320.7	296.1	275.5	200.5	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1224.9	928.7	753.3	656.5	589.2	533.2	485.9	453.1	416.3	385.2	357.8	329.5	231.1	188.9	157.2	136.5	108.3	92.0	78.4	69.8	64.4	57.6	54.6	46.4	25.4
2V310	1626.3	1245.9	1012.6	854.3	739.1	651.8	582.9	527.4	481.1	442.0	409.1	380.4	274.5	220.0	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1552.3	1192.5	985.9	829.6	718.6	643.5	578.8	532.5	501.7	474.9	445.1	422.5	311.5	262.1	208.7	185.0	148.0	122.3	107.5	94.6	81.8	73.4	67.0	55.1	29.2
2V400/2	1347.7	1348.1	1093.5	952.9	855.3	774.0	705.4	657.8	604.3	559.1	519.3	478.3	335.5	274.2	228.1	198.1	157.1	133.5	113.8	101.4	93.5	83.6	79.3	68.3	37.3
2V460/4	1850.4	1809.3	1470.0	1239.8	1073.2	945.8	846.0	765.9	699.0	642.5	594.2	552.0	400.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2439.4	1868.9	1519.4	1280.9	1109.2	976.6	874.8	791.6	721.7	664.1	613.7	570.5	411.2	330.0	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	903.6	903.6	903.6	903.6	903.6	903.6	812.1	745.3	704.2	657.9	620.9	584.9	449.2	343.4	285.8	247.7	196.3	167.6	142.9	127.5	116.8	104.4	99.1	85.2	46.7
2V500/6	2652.2	2066.3	1672.6	1397.1	1205.8	1063.0	955.0	859.4	792.6	745.0	697.3	649.7	474.9	376.2	323.8	279.6	222.0	185.0	157.3	137.8	125.4	110.0	102.8	94.4	43.8

Discharge Rates in Watts per Cell to 1.80Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	281.3	207.0	171.9	144.5	122.7	107.8	92.9	83.3	76.4	70.9	66.5	63.0	46.0	36.7	30.4	26.1	20.3	16.4	14.2	12.3	10.9	9.85	8.98	7.60	4.00
12V55	351.6	258.8	214.9	180.7	153.3	134.8	115.1	103.2	94.7	87.9	82.4	78.5	57.3	45.7	37.8	32.5	25.2	20.4	17.6	15.3	13.5	12.2	11.1	9.36	4.94
12V70	410.2	310.1	251.5	210.9	183.6	159.2	139.3	125.0	114.6	106.4	99.7	94.0	68.9	55.5	45.9	39.3	30.6	24.9	21.3	18.5	16.4	14.8	13.4	11.3	5.94
12V80	468.8	361.3	288.1	241.2	213.9	183.6	161.6	144.9	132.9	123.4	115.6	109.4	80.4	65.3	54.0	46.1	36.0	29.3	25.0	21.8	19.3	17.3	15.7	13.2	6.93
4V105	455.4	362.9	301.2	258.0	225.1	199.4	183.0	168.6	155.2	143.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V105	455.4	362.9	301.2	258.0	225.1	199.4	183.0	168.6	155.2	143.9	133.6	124.4	90.5	72.9	61.3	52.8	42.5	35.5	30.8	27.4	24.9	22.6	20.8	17.6	9.15
6V130	602.5	478.8	393.7	336.4	291.9	258.6	229.9	213.9	194.8	180.9	169.0	160.7	121.1	97.7	82.5	71.7	57.0	47.6	40.8	35.8	32.1	29.0	26.5	22.7	12.0
4V155	643.5	523.3	443.1	384.5	337.2	300.2	271.4	248.8	228.2	211.8	197.4	185.0	134.7	109.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V155	643.5	523.3	443.1	384.5	337.2	300.2	271.4	248.8	228.2	211.8	197.4	185.0	134.7	109.0	91.2	79.1	63.3	52.8	46.1	41.0	37.1	33.8	30.9	26.1	13.6
6V165/2	772.0	608.6	503.7	429.7	378.3	336.2	306.3	282.7	260.1	245.4	230.6	215.9	154.2	123.4	104.9	92.1	73.3	61.1	51.4	45.0	41.4	36.2	33.7	30.9	14.5
2V200	842.5	642.6	523.0	460.2	406.7	364.9	335.9	305.6	278.9	261.5	240.6	226.1	163.7	135.4	112.1	98.2	78.2	67.3	57.2	50.8	47.1	42.2	39.9	34.3	18.2
4V230	925.2	772.0	653.8	566.4	497.6	443.1	400.9	366.0	337.2	312.5	292.0	273.4	199.4	162.4	136.7	118.2	95.0	79.3	69.2	61.6	55.7	50.7	46.4	39.2	20.4
2V275	1074.4	826.2	674.9	592.4	533.2	478.7	442.7	421.1	384.3	360.3	331.4	311.5	225.5	186.6	154.6	135.3	107.7	92.7	78.8	70.0	64.9	58.1	54.8	46.6	25.0
2V310	1347.7	1079.4	903.6	778.2	681.6	606.5	547.9	499.6	459.5	425.6	396.8	371.1	269.3	217.9	182.0	158.3	126.4	105.9	92.2	82.0	74.3	67.5	61.9	52.2	27.2
2V320	1386.8	1100.0	915.9	779.2	680.5	607.5	556.1	514.0	484.2	458.5	428.7	409.1	306.3	253.9	203.5	182.0	144.9	120.3	105.4	92.0	80.6	71.1	65.8	55.1	29.0
2V400/2	1559.6	1199.3	979.7	860.0	774.0	694.9	642.6	611.3	557.8	523.0	481.1	452.2	327.4	270.9	224.2	196.4	156.3	134.6	114.4	101.6	94.2	84.3	79.8	67.6	36.3
2V460/4	1850.4	1592.4	1333.3	1148.3	1005.4	894.4	808.0	737.1	678.5	628.1	584.9	547.9	398.9	324.8	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V460/6	2021.0	1619.1	1355.9	1167.8	1021.8	908.8	821.4	749.4	689.8	638.4	595.2	557.2	404.0	327.9	273.4	237.5	190.2	158.3	138.8	123.4	111.0	101.4	92.8	78.3	40.8
2V500/2	832.7	832.7	832.7	832.7	832.7	832.7	759.7	709.3	662.0	619.9	588.0	556.1	425.6	339.2	280.6	245.7	195.3	167.6	142.9	127.5	117.7	104.8	99.1	84.4	45.3
2V500/6	2317.1	1827.8	1512.2	1290.1	1134.9	1010.5	919.0	848.1	783.3	738.8	694.2	649.7	462.6	371.1	314.6	276.5	220.0	183.0	154.2	134.7	124.4	107.9	101.3	93.0	43.5

Discharge Rates in Watts per Cell to 1.85Vpc at 25°C/77°F

	Minutes											Hours													
Type	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V45	242.2	178.1	148.4	129.7	107.8	97.7	82.8	74.5	69.2	63.9	60.1	56.5	41.8	32.1	27.7	23.8	18.7	15.3	13.1	11.5	10.2	9.21	8.40	7.14	3.83
12V55	302.7	222.7	185.6	162.1	134.8	122.1	97.0	88.2	81.4	74.6	71.5	70.0	51.9	38.9	34.3	29.4	23.3	19.1	16.3	14.3	12.8	11.5	10.5	8.90	4.78
12V70	354.0	267.6	218.8	188.5	162.6	144.0	122.0	110.8	99.4	95.1	89.5	84.1	64.4	48.3	41.3	35.4	28.0	23.0	19.6	17.1	15.3	13.8	12.5	10.6	5.71
12V80	405.3	312.5	252.0	214.9	190.4	166.0	141.4	128.4	115.2	110.3	103.7	98.3	76.9	57.7	48.2	41.3	32.6	26.8	22.9	20.0	17.8	16.0	14.6	12.4	6.64
4V105	406.1	333.1	278.6	241.6	211.8	188.1	173.7	161.4	148.0	137.8	128.5	120.3	89.2	72.4	60.5	52.0	41.7	35.1	30.5	27.3	24.6	22.4	20.6	17.4	9.05
6V105	406.1	333.1	278.6	241.6	211.8	188.1	173.7	161.4	148.0	137.8	128.5	120.3	89.2	72.4	60.5	52.0	41.7	35.1	30.5	27.3	24.6	22.4	20.6	17.4	9.05
6V130	525.7	419.7	351.3	301.6	263.8	234.2	210.6	193.8	179.8	167.3	155.3	149.6	114.1	92.5	78.6	68.0	54.0	45.1	38.7	34.2	30.5	27.6	25.3	21.6	11.5
4V155	529.4	439.0	384.5	342.3	302.2	270.4	247.7	228.2	211.8	196.3	184.0	173.7	128.5	104.9	89.4	78.0	62.4	52.4	45.8	40.9	36.8	33.4	30.6	25.9	13.5
6V155	529.4	439.0	384.5	342.3	302.2	270.4	247.7	228.2	211.8	196.3	184.0	173.7	128.5	104.9	89.4	78.0	62.4	52.4	45.8	40.9	36.8	33.4	30.6	25.9	13.5
6V165/2	663.1	557.2	469.8	404.0	353.6	317.7	285.8	260.1	240.6	225.1	209.7	194.3	143.9	122.3	101.3	91.5	72.3	60.2	49.1	43.2	40.8	36.2	33.3	30.5	13.8
2V200	707.2	551.0	456.7	400.9	362.6	325.4	298.7	276.6	254.5	237.1	219.6	201.2	148.8	125.6	103.6	92.4	72.9	63.1	53.6	47.4	43.8	38.9	36.5	31.6	17.1
4V230	793.6	657.9	575.7	514.0	453.3	406.1	372.1	343.4	316.6	295.0	276.5	260.1	193.3	157.3	133.6	117.2	93.5	78.7	68.8	61.3	55.3	50.2	46.1	38.9	20.3
2V275	941.8	730.4	598.8	530.0	475.5	435.5	399.5	381.1	350.6	326.6	302.6	277.3	205.0	173.0	142.6	127.3	100.4	87.0	73.9	65.4	60.3	53.6	50.3	43.5	23.6
2V310	1098.9	902.6	784.4	696.0	612.7	546.9	499.6	460.5	425.6	394.8	370.1	348.5	258.0	210.7	178.9	156.3	124.4	104.9	91.8	81.7	73.7	66.9	61.4	51.8	26.9
2V320	1225.4	996.1	832.7	706.2	616.8	556.1	515.0	477.0	447.2	419.4	396.8	380.4	294.0	238.5	197.4	174.8	137.8	114.1	101.4	90.3	77.3	68.9	63.1	52.9	27.6
2V400/2	1367.1	1060.3	869.3	769.3	690.3	632.2	579.9	553.2	509.0	474.1	439.3	402.5	297.5	251.2	207.1	184.8	145.8	126.3	107.2	94.9	87.5	77.8	73.1	63.1	34.2
2V460/4	1647.9	1354.9	1176.0	1043.4	918.0	820.3	749.4	690.8	638.4	593.2	556.1	523.3	387.6	315.6	268.3	234.4	187.1	157.3	137.8	122.3	111.0	100.3	92.0	77.7	40.4
2V460/6	1647.9	1354.9	1176.0	1043.4	918.0	820.3	749.4	690.8	638.4	593.2	556.1	523.3	387.6	315.6	268.3	234.4	187.1	157.3	137.8	122.3	111.0	100.3	92.0	77.7	40.4
2V500/2	748.4	748.4	748.4	748.4	748.4	748.4	698.0	645.6	602.4	547.4	509.4	479.0	390.6	313.5	258.0	231.3	183.0	158.3	133.6	118.2	109.4	97.2	91.4	79.0	42.8
2V500/6	1990.2	1672.6	1409.4	1213.0	1063.0	955.0	859.4	783.3	723.7	674.7	625.7	576.7	431.8	366.0	303.3	274.5	216.9	180.9	147.0	129.5	122.3	107.9	99.9	91.6	41.3

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