



### Unigy II - AVR45

Amperes at 77°F (25°C) to 1.75 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5	152	127	110	96.9	77.0	52.3	38.8	31.4	23.8	19.3	16.5	14.3	12.7	11.4	10.4	9.60	8.31	6.49	5.36	4.58	2.43	1.66	1.21
AVR45-7	228	191	165	148	118	78.4	58.2	47.1	35.7	28.9	24.7	21.5	19.0	17.1	15.6	14.4	12.5	9.74	8.04	6.88	3.64	2.50	1.81
AVR45-9	304	254	220	198	158	105	77.6	62.9	47.6	38.6	32.9	28.7	25.4	22.9	20.8	19.2	16.6	13.0	10.7	9.17	4.86	3.33	2.42
AVR45-11	380	317	275	247	197	131	97.1	78.6	59.5	48.2	41.1	35.8	31.7	28.6	26.1	24.0	20.8	16.2	13.4	11.5	6.07	4.16	3.02
AVR45-13	456	381	330	297	238	157	116	94.3	71.4	57.9	49.4	43.0	38.1	34.3	31.3	28.8	24.9	19.5	16.1	13.8	7.28	4.99	3.63
AVR45-15	532	444	385	345	276	183	136	110	83.3	67.5	57.6	50.2	44.4	40.0	36.5	33.6	29.1	22.7	18.8	16.0	8.50	5.83	4.23
AVR45-17	610	509	440	388	308	209	155	126	95.2	77.1	65.8	57.3	50.8	45.7	41.7	38.4	33.2	26.0	21.4	18.3	9.71	6.66	4.84
AVR45-19	686	572	495	436	347	235	175	141	107	86.8	74.1	64.5	57.1	51.4	46.9	43.2	37.4	29.2	24.1	20.6	10.9	7.49	5.44
AVR45-21	762	636	550	485	385	261	194	157	119	96.4	82.3	71.7	63.5	57.1	52.1	48.0	41.6	32.5	26.8	22.9	12.1	8.32	6.05
AVR45-23	838	700	605	533	424	288	214	173	131	106	90.5	78.8	69.8	62.9	57.3	52.8	45.7	35.7	29.5	25.2	13.4	9.16	6.65
AVR45-25	914	763	660	581	462	314	233	189	143	116	98.7	86.0	76.2	68.6	62.5	57.6	49.9	38.9	32.2	27.5	14.6	10.0	7.26
AVR45-27	991	827	715	630	501	340	252	204	155	125	107	93.2	82.5	74.3	67.8	62.4	54.0	42.2	34.8	29.8	15.8	10.8	7.86
AVR45-29	1067	890	770	678	539	366	272	220	167	135	115	100	88.9	80.0	73.0	67.2	58.2	45.4	37.5	32.1	17.0	11.7	8.47
AVR45-31	1143	954	825	727	578	392	291	236	179	145	123	108	95.2	85.7	78.2	72.0	62.3	48.7	40.2	34.4	18.2	12.5	9.07
AVR45-33	1219	1018	880	775	616	418	311	251	190	154	132	115	102	91.4	83.4	76.8	66.5	51.9	42.9	36.7	19.4	13.3	9.68

Amperes at 77°F (25°C) to 1.78 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						49.7	37.4	30.6	23.1	19.0	16.2	14.0	12.5	11.3	10.3	9.49	8.17	6.39	5.28	4.52	2.42	1.65	1.21
AVR45-7						74.6	56.1	45.9	34.7	28.5	24.3	21.1	18.8	17.0	15.5	14.2	12.3	9.59	7.93	6.79	3.63	2.48	1.81
AVR45-9						99.4	74.8	61.1	46.3	38.0	32.3	28.1	25.0	22.6	20.6	19.0	16.3	12.8	10.6	9.05	4.84	3.31	2.41
AVR45-11						124	93.5	76.4	57.9	47.5	40.4	35.1	31.3	28.3	25.8	23.7	20.4	16.0	13.2	11.3	6.05	4.13	3.01
AVR45-13						149	112	91.7	69.4	57.0	48.5	42.1	37.5	34.0	30.9	28.5	24.5	19.2	15.9	13.6	7.26	4.96	3.62
AVR45-15						174	131	107	81.0	66.5	56.6	49.2	43.8	39.6	36.1	33.2	28.6	22.4	18.5	15.8	8.47	5.79	4.22
AVR45-17						199	150	122	92.6	76.0	64.7	56.2	50.1	45.3	41.2	37.9	32.7	25.6	21.1	18.1	9.68	6.62	4.82
AVR45-19						224	168	138	104	85.5	72.8	63.2	56.3	50.9	46.4	42.7	36.8	28.8	23.8	20.4	10.9	7.44	5.42
AVR45-21						249	187	153	116	95.0	80.9	70.2	62.6	56.6	51.6	47.4	40.8	32.0	26.4	22.6	12.1	8.27	6.03
AVR45-23						273	206	168	127	105	88.9	77.3	68.8	62.3	56.7	52.2	44.9	35.1	29.1	24.9	13.3	9.10	6.63
AVR45-25						298	224	183	139	114	97.0	84.3	75.1	67.9	61.9	56.9	49.0	38.3	31.7	27.1	14.5	9.92	7.23
AVR45-27						323	243	199	150	124	105	91.3	81.3	73.6	67.0	61.7	53.1	41.5	34.3	29.4	15.7	10.8	7.84
AVR45-29						348	262	214	162	133	113	98.3	87.6	79.2	72.2	66.4	57.2	44.7	37.0	31.7	16.9	11.6	8.44
AVR45-31						373	281	229	174	143	121	105	93.8	84.9	77.3	71.1	61.3	47.9	39.6	33.9	18.2	12.4	9.04
AVR45-33						398	299	245	185	152	129	112	100	90.6	82.5	75.9	65.3	51.1	42.3	36.2	19.4	13.2	9.64

Amperes at 77°F (25°C) to 1.80 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						48.2	36.6	30.2	22.9	18.8	16.1	13.9	12.4	11.2	10.2	9.39	8.10	6.35	5.25	4.50	2.41	1.65	1.20
AVR45-7						72.3	55.0	45.3	34.3	28.1	24.1	20.9	18.6	16.8	15.3	14.1	12.2	9.52	7.88	6.75	3.62	2.47	1.80
AVR45-9						96.3	73.3	60.4	45.8	37.5	32.1	27.8	24.8	22.4	20.4	18.8	16.2	12.7	10.5	9.00	4.82	3.29	2.40
AVR45-11						120	91.6	75.5	57.2	46.9	40.1	34.8	31.0	28.1	25.5	23.5	20.3	15.9	13.1	11.2	6.03	4.11	3.00
AVR45-13						145	110	90.6	68.7	56.3	48.2	41.8	37.2	33.7	30.6	28.2	24.3	19.0	15.8	13.5	7.23	4.94	3.60
AVR45-15						169	128	106	80.1	65.7	56.2	48.7	43.4	39.3	35.8	32.9	28.4	22.2	18.4	15.7	8.44	5.76	4.20
AVR45-17						193	147	121	91.5	75.0	64.2	55.7	49.6	44.9	40.9	37.6	32.4	25.4	21.0	18.0	9.65	6.58	4.80
AVR45-19						217	165	136	103	84.4	72.3	62.6	55.8	50.5	46.0	42.3	36.5	28.6	23.6	20.2	10.9	7.40	5.40
AVR45-21						241	183	151	114	93.8	80.3	69.6	62.0	56.1	51.1	46.9	40.5	31.7	26.3	22.5	12.1	8.23	6.00
AVR45-23						265	202	166	126	103	88.3	76.6	68.2	61.7	56.2	51.6	44.6	34.9	28.9	24.7	13.3	9.05	6.60
AVR45-25						289	220	181	137	113	96.3	83.5	74.4	67.3	61.3	56.3	48.6	38.1	31.5	27.0	14.5	9.87	7.20
AVR45-27						313	238	196	149	122	104	90.5	80.6	73.0	66.4	61.0	52.7	41.3	34.1	29.2	15.7	10.7	7.80
AVR45-29						337	257	211	160	131	112	97.4	86.8	78.6	71.5	65.7	56.7	44.4	36.8	31.5	16.9	11.5	8.40
AVR45-31						361	275	226	172	141	120	104	93.0	84.2	76.6	70.4	60.8	47.6	39.4	33.7	18.1	12.3	9.00
AVR45-33						385	293	242	183	150	128	111	99.2	89.8	81.7	75.1	64.8	50.8	42.0	36.0	19.3	13.2	9.60

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Unigy II - AVR45

Amperes at 77°F (25°C) to 1.81 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						47.4	36.3	30.0	22.8	18.6	16.0	13.9	12.3	11.2	10.2	9.34	8.07	6.33	5.24	4.49	2.41	1.64	1.20
AVR45-7						71.1	54.4	45.0	34.1	28.0	24.0	20.8	18.5	16.8	15.3	14.0	12.1	9.49	7.86	6.73	3.61	2.46	1.80
AVR45-9						94.8	72.6	60.0	45.5	37.3	32.0	27.7	24.7	22.4	20.3	18.7	16.1	12.7	10.5	8.98	4.81	3.28	2.39
AVR45-11						119	90.7	75.0	56.9	46.6	40.0	34.6	30.9	27.9	25.4	23.4	20.2	15.8	13.1	11.2	6.02	4.10	2.99
AVR45-13						142	109	90.0	68.3	55.9	48.0	41.6	37.0	33.5	30.5	28.0	24.2	19.0	15.7	13.5	7.22	4.92	3.59
AVR45-15						166	127	105	79.7	65.2	56.0	48.5	43.2	39.1	35.6	32.7	28.3	22.1	18.3	15.7	8.42	5.74	4.19
AVR45-17						190	145	120	91.0	74.6	64.0	55.4	49.4	44.7	40.7	37.4	32.3	25.3	21.0	18.0	9.63	6.56	4.79
AVR45-19						213	163	135	102	83.9	72.0	62.4	55.6	50.3	45.8	42.0	36.3	28.5	23.6	20.2	10.8	7.38	5.39
AVR45-21						237	181	150	114	93.2	80.0	69.3	61.7	55.9	50.8	46.7	40.4	31.6	26.2	22.4	12.0	8.20	5.99
AVR45-23						261	200	165	125	103	88.0	76.2	67.9	61.5	55.9	51.4	44.4	34.8	28.8	24.7	13.2	9.03	6.58
AVR45-25						285	218	180	137	112	96.0	83.1	74.1	67.1	61.0	56.1	48.4	38.0	31.4	26.9	14.4	9.85	7.18
AVR45-27						308	236	195	148	121	104	90.1	80.3	72.7	66.1	60.7	52.5	41.1	34.0	29.2	15.6	10.7	7.78
AVR45-29						332	254	210	159	130	112	97.0	86.4	78.2	71.2	65.4	56.5	44.3	36.7	31.4	16.8	11.5	8.38
AVR45-31						356	272	225	171	140	120	104	92.6	83.8	76.3	70.1	60.5	47.5	39.3	33.7	18.1	12.3	8.98
AVR45-33						379	290	240	182	149	128	111	98.8	89.4	81.3	74.7	64.6	50.6	41.9	35.9	19.3	13.1	9.58

Amperes at 77°F (25°C) to 1.84 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						44.0	34.3	28.7	22.0	18.0	15.4	13.6	12.0	10.9	9.92	9.14	7.91	6.21	5.15	4.42	2.36	1.62	1.18
AVR45-7						66.0	51.4	43.1	33.0	27.0	23.1	20.4	18.1	16.3	14.9	13.7	11.9	9.31	7.72	6.63	3.54	2.42	1.77
AVR45-9						88.0	68.6	57.4	44.0	36.0	30.9	27.1	24.1	21.7	19.8	18.3	15.8	12.4	10.3	8.83	4.72	3.23	2.36
AVR45-11						110	85.7	71.8	55.0	45.0	38.6	33.9	30.1	27.1	24.8	22.9	19.8	15.5	12.9	11.0	5.91	4.04	2.94
AVR45-13						132	103	86.1	66.0	54.0	46.3	40.7	36.1	32.6	29.7	27.4	23.7	18.6	15.4	13.3	7.09	4.85	3.53
AVR45-15						154	120	100	77.0	63.0	54.0	47.5	42.1	38.0	34.7	32.0	27.7	21.7	18.0	15.5	8.27	5.65	4.12
AVR45-17						176	137	115	88.0	72.0	61.7	54.3	48.2	43.4	39.7	36.6	31.6	24.8	20.6	17.7	9.45	6.46	4.71
AVR45-19						198	154	129	99.0	81.0	69.4	61.1	54.2	48.9	44.6	41.1	35.6	27.9	23.2	19.9	10.6	7.27	5.30
AVR45-21						220	171	144	110	90.0	77.1	67.9	60.2	54.3	49.6	45.7	39.5	31.0	25.7	22.1	11.8	8.08	5.89
AVR45-23						242	189	158	121	99.0	84.9	74.6	66.2	59.7	54.5	50.3	43.5	34.1	28.3	24.3	13.0	8.89	6.48
AVR45-25						264	206	172	132	108	92.6	81.4	72.2	65.1	59.5	54.9	47.4	37.3	30.9	26.5	14.2	9.69	7.07
AVR45-27						286	223	187	143	117	100	88.2	78.3	70.6	64.4	59.4	51.4	40.4	33.5	28.7	15.4	10.5	7.66
AVR45-29						308	240	201	154	126	108	95.0	84.3	76.0	69.4	64.0	55.3	43.5	36.0	30.9	16.5	11.3	8.24
AVR45-31						330	257	215	165	135	116	102	90.3	81.4	74.4	68.6	59.3	46.6	38.6	33.1	17.7	12.1	8.83
AVR45-33						352	274	230	176	144	123	109	96.3	86.9	79.3	73.1	63.2	49.7	41.2	35.3	18.9	12.9	9.42

Amperes at 77°F (25°C) to 1.88 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						41.1	32.4	27.3	20.8	17.1	14.7	12.9	11.5	10.4	9.52	8.77	7.67	5.99	4.94	4.23	2.24	1.53	1.11
AVR45-7						61.7	48.5	40.9	31.1	25.7	22.0	19.4	17.3	15.6	14.3	13.2	11.5	8.98	7.41	6.34	3.37	2.29	1.67
AVR45-9						82.3	64.7	54.6	41.5	34.3	29.4	25.8	23.0	20.9	19.0	17.5	15.3	12.0	9.89	8.45	4.49	3.06	2.23
AVR45-11						103	80.9	68.2	51.9	42.9	36.7	32.3	28.8	26.1	23.8	21.9	19.2	15.0	12.4	10.6	5.61	3.82	2.79
AVR45-13						123	97.1	81.8	62.3	51.4	44.1	38.7	34.5	31.3	28.6	26.3	23.0	18.0	14.8	12.7	6.73	4.59	3.34
AVR45-15						144	113	95.5	72.7	60.0	51.4	45.2	40.3	36.5	33.3	30.7	26.8	21.0	17.3	14.8	7.86	5.35	3.90
AVR45-17						165	129	109	83.0	68.6	58.7	51.6	46.0	41.7	38.1	35.1	30.7	23.9	19.8	16.9	8.98	6.12	4.46
AVR45-19						185	146	123	93.4	77.1	66.1	58.1	51.8	46.9	42.8	39.5	34.5	26.9	22.2	19.0	10.1	6.88	5.01
AVR45-21						206	162	136	104	85.7	73.4	64.5	57.6	52.1	47.6	43.9	38.3	29.9	24.7	21.1	11.2	7.65	5.57
AVR45-23						226	178	150	114	94.3	80.8	71.0	63.3	57.4	52.3	48.2	42.2	32.9	27.2	23.2	12.3	8.41	6.13
AVR45-25						247	194	164	125	103	88.1	77.4	69.1	62.6	57.1	52.6	46.0	35.9	29.7	25.4	13.5	9.18	6.68
AVR45-27						267	210	177	135	111	95.4	83.9	74.8	67.8	61.9	57.0	49.8	38.9	32.1	27.5	14.6	9.94	7.24
AVR45-29						288	226	191	145	120	103	90.3	80.6	73.0	66.6	61.4	53.7	41.9	34.6	29.6	15.7	10.7	7.80
AVR45-31						309	243	205	156	129	110	96.8	86.3	78.2	71.4	65.8	57.5	44.9	37.1	31.7	16.8	11.5	8.36
AVR45-33						329	259	218	166	137	117	103	92.1	83.4	76.1	70.2	61.3	47.9	39.5	33.8	18.0	12.2	8.91

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Unigy II - AVR45

Amperes at 77°F (25°C) to 1.90 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						37.1	29.8	25.4	19.5	16.1	13.8	12.2	10.9	9.93	9.06	8.34	7.24	5.71	4.75	4.08	2.18	1.48	1.08
AVR45-7						55.7	44.6	38.1	29.3	24.2	20.7	18.4	16.4	14.9	13.6	12.5	10.9	8.56	7.12	6.13	3.27	2.22	1.62
AVR45-9						74.3	59.5	50.9	39.0	32.3	27.7	24.5	21.9	19.9	18.1	16.7	14.5	11.4	9.49	8.17	4.35	2.96	2.16
AVR45-11						92.9	74.4	63.6	48.8	40.4	34.6	30.6	27.3	24.8	22.6	20.9	18.1	14.3	11.9	10.2	5.44	3.71	2.70
AVR45-13						111	89.3	76.3	58.6	48.4	41.5	36.7	32.8	29.8	27.2	25.0	21.7	17.1	14.2	12.3	6.53	4.45	3.24
AVR45-15						130	104	89.0	68.3	56.5	48.4	42.8	38.3	34.7	31.7	29.2	25.3	20.0	16.6	14.3	7.62	5.19	3.78
AVR45-17						149	119	102	78.1	64.6	55.3	48.9	43.8	39.7	36.2	33.4	29.0	22.8	19.0	16.3	8.71	5.93	4.32
AVR45-19						167	134	114	87.8	72.6	62.2	55.1	49.2	44.7	40.8	37.5	32.6	25.7	21.4	18.4	9.80	6.67	4.86
AVR45-21						186	149	127	97.6	80.7	69.1	61.2	54.7	49.6	45.3	41.7	36.2	28.5	23.7	20.4	10.9	7.41	5.40
AVR45-23						204	164	140	107	88.8	76.1	67.3	60.2	54.6	49.8	45.9	39.8	31.4	26.1	22.5	12.0	8.15	5.94
AVR45-25						223	179	153	117	96.8	83.0	73.4	65.6	59.6	54.3	50.1	43.4	34.2	28.5	24.5	13.1	8.89	6.48
AVR45-27						241	193	165	127	105	89.9	79.5	71.1	64.5	58.9	54.2	47.0	37.1	30.9	26.5	14.2	9.63	7.02
AVR45-29						260	208	178	137	113	96.8	85.7	76.6	69.5	63.4	58.4	50.7	40.0	33.2	28.6	15.2	10.4	7.56
AVR45-31						279	223	191	146	121	104	91.8	82.0	74.5	67.9	62.6	54.3	42.8	35.6	30.6	16.3	11.1	8.10
AVR45-33						297	238	203	156	129	111	97.9	87.5	79.4	72.5	66.7	57.9	45.7	38.0	32.7	17.4	11.9	8.64

Amperes at 77°F (25°C) to 1.94 v.p.c.

Cell Type	Discharge Time - Minutes						Discharge Time - Hours																
	5	10	15	20	30	60	1.5	2	3	4	5	6	7	8	9	10	12	16	20	24	48	72	100
AVR45-5						33.1	26.6	22.7	17.8	14.6	12.6	11.0	9.86	8.93	8.15	7.51	6.57	5.18	4.31	3.70	1.92	1.31	0.95
AVR45-7						49.7	39.9	34.1	26.7	22.0	18.9	16.6	14.8	13.4	12.2	11.3	9.86	7.77	6.46	5.55	2.88	1.96	1.43
AVR45-9						66.3	53.1	45.4	35.6	29.3	25.1	22.1	19.7	17.9	16.3	15.0	13.1	10.4	8.61	7.41	3.84	2.62	1.90
AVR45-11						82.9	66.4	56.8	44.5	36.6	31.4	27.6	24.6	22.3	20.4	18.8	16.4	12.9	10.8	9.26	4.80	3.27	2.38
AVR45-13						99.4	79.7	68.1	53.4	43.9	37.7	33.1	29.6	26.8	24.5	22.5	19.7	15.5	12.9	11.1	5.76	3.93	2.85
AVR45-15						116	93.0	79.5	62.3	51.2	44.0	38.7	34.5	31.2	28.5	26.3	23.0	18.1	15.1	13.0	6.73	4.58	3.33
AVR45-17						133	106	90.8	71.2	58.6	50.3	44.2	39.4	35.7	32.6	30.1	26.3	20.7	17.2	14.8	7.69	5.24	3.80
AVR45-19						149	120	102	80.1	65.9	56.6	49.7	44.3	40.2	36.7	33.8	29.6	23.3	19.4	16.7	8.65	5.89	4.28
AVR45-21						166	133	114	89.0	73.2	62.9	55.2	49.3	44.6	40.8	37.6	32.9	25.9	21.5	18.5	9.61	6.55	4.76
AVR45-23						182	146	125	97.9	80.5	69.1	60.8	54.2	49.1	44.8	41.3	36.1	28.5	23.7	20.4	10.6	7.20	5.23
AVR45-25						199	159	136	107	87.8	75.4	66.3	59.1	53.6	48.9	45.1	39.4	31.1	25.8	22.2	11.5	7.86	5.71
AVR45-27						215	173	148	116	95.2	81.7	71.8	64.1	58.0	53.0	48.8	42.7	33.7	28.0	24.1	12.5	8.51	6.18
AVR45-29						232	186	159	125	102	88.0	77.3	69.0	62.5	57.1	52.6	46.0	36.3	30.1	25.9	13.5	9.17	6.66
AVR45-31						249	199	170	134	110	94.3	82.9	73.9	67.0	61.1	56.4	49.3	38.8	32.3	27.8	14.4	9.82	7.13
AVR45-33						265	213	182	142	117	101	88.4	78.8	71.4	65.2	60.1	52.6	41.4	34.4	29.6	15.4	10.5	7.61

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