

FLB RANGE - CONSTANT CURRENT DISCHARGE DATA

Amperes to 1.60 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	97.2	71.8	56.8	45.4	37.5	32.1	22.7	17.7	12.3	9.71	6.75	5.26	4.38	3.77	2.97	2.48	1.32
12 FLB 150	138	101	80.3	65.9	55.9	48.5	34.9	27.1	18.7	14.7	10.4	8.11	6.75	5.79	4.57	3.81	2.04
12 FLB 200	193	143	113	91.7	77.3	66.9	47.8	37.4	26.1	20.8	14.6	11.4	9.44	8.08	6.33	5.23	2.78
12 FLB 250	249	182	143	116	98.0	85.1	60.8	47.4	32.7	25.8	18.0	14.1	11.7	10.1	8.00	6.66	3.54
12 FLB 300	301	218	171	137	113	96.9	68.9	53.4	35.9	27.6	19.5	15.2	12.7	10.9	8.57	7.14	3.82
12 FLB 350	350	252	200	159	131	111	79.4	62.0	42.4	33.1	23.4	18.2	15.2	13.0	10.3	8.56	4.58
12 FLB 400	402	291	228	182	151	129	91.9	71.2	47.8	36.8	26.0	20.2	16.9	14.5	11.4	9.51	5.09
12 FLB 450	449	324	256	204	168	143	102	79.6	54.4	42.5	30.2	23.8	20.0	17.3	13.4	10.9	5.85
12 FLB 500	473	355	278	228	194	169	121	94.5	64.0	49.7	35.0	27.3	22.8	19.6	15.4	12.8	6.87

Amperes to 1.65 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	92.5	69.3	55.3	44.1	36.6	31.4	22.3	17.4	12.1	9.57	6.67	5.20	4.33	3.72	2.93	2.45	1.32
12 FLB 150	132	97.1	77.7	63.9	54.5	47.4	34.0	26.5	18.3	14.5	10.3	8.01	6.69	5.73	4.53	3.77	2.03
12 FLB 200	182	137	110	89.4	75.6	65.4	46.9	36.8	25.7	20.6	14.5	11.2	9.35	8.01	6.28	5.19	2.75
12 FLB 250	234	174	138	113	95.5	83.2	59.7	46.7	32.2	25.4	17.9	13.9	11.6	10.0	7.93	6.60	3.51
12 FLB 300	288	209	166	132	110	93.9	67.0	52.1	35.2	27.2	19.2	15.0	12.5	10.7	8.49	7.07	3.81
12 FLB 350	331	243	194	154	127	109	77.4	60.8	41.7	32.7	23.1	18.0	15.0	12.9	10.2	8.49	4.57
12 FLB 400	383	279	222	176	147	125	89.4	69.5	46.9	36.3	25.6	20.0	16.7	14.3	11.3	9.43	5.08
12 FLB 450	425	312	249	198	163	140	99.4	78.1	53.5	42.0	29.9	23.6	19.9	17.1	13.3	10.8	5.84
12 FLB 500	439	329	263	216	186	163	118	92.7	63.0	49.0	34.6	27.0	22.6	19.3	15.3	12.7	6.86

Amperes to 1.67 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	88.8	67.4	54.0	43.3	36.1	31.0	22.0	17.2	11.9	9.45	6.62	5.16	4.30	3.70	2.91	2.44	1.32
12 FLB 150	127	93.9	75.3	62.6	53.5	46.6	33.5	26.2	18.1	14.3	10.2	7.96	6.64	5.70	4.50	3.75	2.02
12 FLB 200	175	132	107	87.7	74.3	64.4	46.3	36.4	25.5	20.4	14.4	11.2	9.30	7.97	6.24	5.16	2.74
12 FLB 250	226	169	134	111	94.0	82.1	59.0	46.2	32.0	25.2	17.8	13.9	11.6	9.98	7.88	6.56	3.48
12 FLB 300	279	203	161	129	108	92.3	65.9	51.4	34.8	27.0	19.1	14.9	12.5	10.7	8.45	7.03	3.79
12 FLB 350	319	234	188	150	125	107	76.6	60.2	41.3	32.4	22.9	17.9	14.9	12.8	10.1	8.44	4.55
12 FLB 400	372	270	215	172	144	123	87.9	68.5	46.4	36.0	25.4	19.9	16.6	14.3	11.3	9.38	5.06
12 FLB 450	410	301	241	193	160	137	98.3	77.2	53.0	41.6	29.8	23.5	19.8	17.0	13.2	10.8	5.82
12 FLB 500	419	317	255	211	182	160	116	91.2	62.3	48.7	34.3	26.8	22.4	19.2	15.2	12.7	6.83

Amperes to 1.70 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	86.3	66.1	53.1	42.8	35.7	30.7	21.8	17.0	11.8	9.38	6.58	5.13	4.28	3.68	2.90	2.43	1.31
12 FLB 150	123	91.8	73.7	61.7	52.9	46.1	33.1	26.0	18.0	14.3	10.2	7.93	6.61	5.68	4.49	3.74	2.02
12 FLB 200	170	129	105	86.5	73.5	63.8	45.9	36.1	25.4	20.3	14.3	11.1	9.27	7.93	6.22	5.14	2.72
12 FLB 250	220	165	132	109	93.1	81.3	58.5	45.9	31.8	25.1	17.7	13.8	11.5	9.94	7.85	6.54	3.47
12 FLB 300	273	199	158	127	106	91.3	65.2	50.9	34.6	26.9	18.9	14.8	12.4	10.7	8.41	7.01	3.78
12 FLB 350	312	229	184	148	123	106	76.1	59.7	41.1	32.3	22.7	17.8	14.9	12.8	10.1	8.41	4.54
12 FLB 400	364	265	211	170	142	122	87.0	67.9	46.1	35.9	25.3	19.8	16.5	14.2	11.2	9.34	5.04
12 FLB 450	400	293	236	190	158	136	97.6	76.6	52.7	41.4	29.6	23.4	19.7	17.0	13.2	10.7	5.80
12 FLB 500	406	309	250	208	179	158	114	90.3	61.8	48.4	34.1	26.7	22.3	19.2	15.1	12.6	6.81

Amperes to 1.75 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	81.4	62.7	50.6	41.1	34.5	29.8	21.1	16.6	11.6	9.21	6.47	5.04	4.21	3.62	2.86	2.39	1.29
12 FLB 150	113	86.5	69.9	58.9	50.8	44.5	32.4	25.4	17.6	13.9	9.91	7.77	6.51	5.59	4.40	3.68	1.98
12 FLB 200	159	120	98.0	81.8	70.4	61.6	44.7	35.2	24.8	19.9	14.1	11.0	9.12	7.82	6.12	5.07	2.69
12 FLB 250	202	155	125	104	89.7	78.7	57.0	45.0	31.2	24.7	17.4	13.6	11.4	9.78	7.70	6.43	3.42
12 FLB 300	239	182	145	118	99.4	86.2	62.3	48.9	33.6	26.5	18.6	14.6	12.2	10.5	8.25	6.89	3.72
12 FLB 350	277	213	170	140	117	102	73.3	57.9	40.1	31.8	22.3	17.5	14.7	12.6	9.90	8.27	4.46
12 FLB 400	319	243	193	157	133	115	83.0	65.2	44.8	35.3	24.8	19.4	16.3	14.0	11.0	9.19	4.96
12 FLB 450	356	273	219	179	150	131	94.1	74.3	51.5	40.7	29.1	23.0	19.4	16.7	13.0	10.6	5.75
12 FLB 500	358	281	230	195	169	149	110	87.0	60.2	47.6	33.5	26.2	22.0	18.9	14.9	12.4	6.69

Amperes to 1.80 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	75.4	58.9	47.5	39.1	33.0	28.7	20.4	16.1	11.2	8.92	6.30	4.92	4.11	3.53	2.81	2.35	1.26
12 FLB 150	102	79.7	65.7	55.7	48.2	42.4	31.0	24.5	17.0	13.5	9.67	7.58	6.36	5.48	4.33	3.61	1.93
12 FLB 200	145	111	92.3	77.8	67.0	58.7	43.0	34.1	24.1	19.4	13.8	10.7	8.94	7.66	6.00	4.97	2.64
12 FLB 250	184	142	118	99.4	86.2	75.8	55.2	43.7	30.4	24.2	17.0	13.3	11.1	9.59	7.57	6.33	3.36
12 FLB 300	198	156	128	107	92.4	81.2	59.2	46.8	32.6	25.9	18.2	14.2	11.9	10.3	8.11	6.78	3.62
12 FLB 350	233	186	151	127	109	96.1	71.0	56.2	39.0	30.9	21.8	17.1	14.3	12.3	9.74	8.13	4.34
12 FLB 400	265	207	171	142	123	108	78.9	62.4	43.4	34.5	24.3	19.0	15.9	13.7	10.8	9.04	4.83
12 FLB 450	299	238	193	163	140	123	91.1	72.1	50.1	39.7	28.2	22.4	19.0	16.4	12.7	10.4	5.55
12 FLB 500	315	252	210	180	159	141	106	84.4	58.6	46.4	32.8	25.7	21.5	18.4	14.6	12.2	6.52

Amperes to 1.85 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	67.1	52.9	43.2	35.9	30.7	26.7	19.3	15.2	10.6	8.51	6.03	4.68	3.89	3.35	2.67	2.21	1.19
12 FLB 150	89.5	71.6	59.7	50.8	44.0	38.9	28.8	22.9	16.0	12.8	9.13	7.22	6.10	5.26	4.15	3.46	1.83
12 FLB 200	126	101	84.6	71.2	61.5	54.2	40.1	31.7	22.4	18.0	12.7	10.0	8.39	7.23	5.67	4.65	2.51
12 FLB 250	160	128	108	93.1	80.6	71.6	52.3	41.4	29.0	23.1	16.2	12.7	10.7	9.20	7.19	5.92	3.19
12 FLB 300	171	137	116	98.2	85.1	75.4	56.1	44.4	31.0	24.7	17.4	13.6	11.4	9.86	7.78	6.49	3.43
12 FLB 350	199	161	135	115	100	88.7	65.7	51.9	36.3	29.0	20.9	16.4	13.7	11.8	9.34	7.79	4.11
12 FLB 400	229	183	155	131	113	101	74.8	59.2	41.4	33.0	23.2	18.2	15.2	13.1	10.4	8.65	4.57
12 FLB 450	255	206	174	148	129	114	84.3	66.6	46.6	37.2	26.7	21.2	17.9	15.5	12.1	9.88	5.26
12 FLB 500	265	218	183	156	139	125	95.1	77.8	54.5	43.5	31.3	24.5	20.6	17.7	14.0	11.7	6.17

Amperes to 1.90 VPC (at 25°C)

TYPE	Discharge Time (minutes)																
	5	10	15	20	25	30	45	60	90	120	180	240	300	360	480	600	1200
12 FLB 100	57.8	44.8	37.3	31.1	26.8	23.9	17.6	13.9	9.72	7.77	5.59	4.38	3.67	3.17	2.50	2.06	1.10
12 FLB 150	75.8	61.3	51.9	44.4	39.0	34.7	25.9	20.9	14.6	11.6	8.46	6.69	5.64	4.88	3.88	3.20	1.69
12 FLB 200	106	86.6	72.2	61.4	54.3	48.6	36.2	28.9	20.4	16.4	11.8	9.26	7.76	6.64	5.23	4.35	2.32
12 FLB 250	135	112	96.6	83.5	73.0	65.1	48.4	38.3	26.8	21.4	15.0	11.8	9.87	8.53	6.71	5.52	2.96
12 FLB 300	145	118	99.6	86.0	75.5	67.0	50.9	40.6	28.6	23.0	16.1	12.6	10.6	9.14	7.28	6.11	3.17
12 FLB 350	167	137	116	101	89.7	79.5	60.2	47.8	33.8	27.2	19.3	15.2	12.7	11.0	8.74	7.33	3.80
12 FLB 400	193	157	133	115	101	89.4	67.9	54.1	38.1	30.6	21.5	16.8	14.1	12.2	9.71	8.14	4.23
12 FLB 450	214	176	149	130	115	102	77.2	61.3	43.3	34.9	24.8	19.7	16.6	14.4	11.3	9.19	4.86
12 FLB 500	220	184	158	137	122	109	85.5	69.6	50.0	40.8	29.0	22.7	19.0	16.5	13.1	11.0	5.70