

## FLB RANGE - CONSTANT POWER DISCHARGE DATA

Watt per cell to 1.60 VPC ( at 25°C )

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	170	128	102	82.4	58.7	41.9	32.8	22.9	18.3	12.8	9.97	8.34	5.68	4.75	2.55
12 FLB 150	242	180	145	120	88.8	64.5	50.4	34.9	27.6	19.7	15.4	12.8	8.73	7.28	3.92
12 FLB 200	337	255	205	167	123	88.4	69.4	48.8	39.1	27.7	21.6	18.0	12.1	10.0	5.35
12 FLB 250	435	324	258	210	156	112	88.1	61.1	48.4	34.1	26.7	22.3	15.3	12.7	6.80
12 FLB 300	527	389	308	248	178	127	99.2	67.0	51.9	36.8	28.8	24.1	16.4	13.7	7.35
12 FLB 350	612	450	360	289	204	147	115	79.2	62.3	44.1	34.5	28.9	19.6	16.4	8.82
12 FLB 400	703	519	411	331	237	170	132	89.4	69.2	49.1	38.4	32.1	21.8	18.2	9.80
12 FLB 450	785	578	462	370	262	188	148	102	79.9	57.2	45.2	38.1	25.7	20.9	11.3
12 FLB 500	828	633	502	414	309	223	176	120	93.4	66.2	51.8	43.3	29.5	24.6	13.2

Watt per cell to 1.65 VPC ( at 25°C )

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	165	126	101	81.3	58.3	41.6	32.7	22.8	18.1	12.7	9.93	8.29	5.63	4.71	2.55
12 FLB 150	236	176	142	118	88.0	63.6	49.9	34.6	27.4	19.6	15.3	12.8	8.70	7.25	3.92
12 FLB 200	324	249	202	165	121	87.8	69.1	48.6	39.0	27.6	21.5	17.9	12.1	9.97	5.31
12 FLB 250	418	316	253	208	155	112	87.7	60.9	48.2	34.0	26.6	22.3	15.2	12.7	6.76
12 FLB 300	513	380	305	243	174	125	98.0	66.5	51.7	36.6	28.7	24.0	16.3	13.6	7.34
12 FLB 350	590	441	356	284	203	145	114	78.7	62.0	43.9	34.4	28.8	19.6	16.3	8.81
12 FLB 400	684	506	406	324	233	167	131	88.6	68.9	48.8	38.2	32.0	21.7	18.1	9.79
12 FLB 450	758	566	456	365	260	186	147	101	79.6	57.0	45.1	38.0	25.6	20.8	11.3
12 FLB 500	783	597	481	398	302	220	174	119	93.0	65.9	51.6	43.2	29.3	24.5	13.2

Watt per cell to 1.67 VPC ( at 25°C )

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	162	124	100	80.8	58.1	41.5	32.6	22.7	18.1	12.7	9.90	8.27	5.62	4.71	2.54
12 FLB 150	231	174	140	117	87.5	63.2	49.6	34.5	27.4	19.5	15.3	12.8	8.68	7.24	3.91
12 FLB 200	318	244	200	164	121	87.5	68.9	48.5	38.9	27.5	21.5	17.9	12.0	9.96	5.30
12 FLB 250	411	312	250	206	154	111	87.5	60.7	48.1	34.0	26.6	22.2	15.2	12.7	6.74
12 FLB 300	506	374	300	241	173	125	97.4	66.3	51.6	36.5	28.6	24.0	16.3	13.6	7.34
12 FLB 350	581	433	350	281	201	145	114	78.6	61.9	43.8	34.3	28.7	19.5	16.3	8.81
12 FLB 400	675	499	400	322	231	166	130	88.3	68.8	48.7	38.1	31.9	21.7	18.1	9.79
12 FLB 450	746	556	450	361	258	185	146	101	79.4	57.0	45.0	38.0	25.5	20.8	11.3
12 FLB 500	765	587	475	394	300	218	173	119	92.9	65.7	51.5	43.1	29.3	24.4	13.2

Watt per cell to 1.70 VPC ( at 25°C )

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	157	122	98.8	80.0	57.7	41.2	32.3	22.6	17.9	12.6	9.87	8.24	5.60	4.70	2.54
12 FLB 150	224	170	137	115	86.8	62.7	49.3	34.3	27.3	19.5	15.2	12.7	8.67	7.23	3.91
12 FLB 200	310	238	195	162	120	87.0	68.5	48.3	38.8	27.5	21.4	17.8	12.0	9.94	5.28
12 FLB 250	401	305	245	205	153	111	87.2	60.6	48.0	34.0	26.5	22.2	15.2	12.6	6.72
12 FLB 300	497	367	294	238	172	123	96.7	65.9	51.5	36.4	28.5	23.9	16.2	13.6	7.34
12 FLB 350	567	422	343	276	199	144	113	78.3	61.7	43.7	34.2	28.7	19.5	16.3	8.80
12 FLB 400	662	489	392	318	229	165	129	87.9	68.6	48.5	38.0	31.9	21.7	18.1	9.78
12 FLB 450	728	542	440	355	255	185	146	100	79.2	56.9	44.9	37.9	25.5	20.8	11.2
12 FLB 500	738	572	464	389	297	216	171	118	92.6	65.5	51.3	43.0	29.2	24.4	13.2

Watt per cell to 1.75 VPC ( at 25°C )

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	151	118	95.8	78.1	56.9	40.6	32.0	22.4	17.8	12.6	9.81	8.19	5.58	4.66	2.52
12 FLB 150	211	163	132	112	85.1	62.1	48.9	33.9	26.8	19.2	15.1	12.7	8.59	7.18	3.88
12 FLB 200	295	226	185	156	118	85.7	67.8	47.9	38.6	27.3	21.3	17.8	11.9	9.89	5.26
12 FLB 250	375	291	236	198	150	109	86.6	60.2	47.8	33.7	26.4	22.1	15.0	12.6	6.69
12 FLB 300	444	342	275	223	165	119	94.1	64.9	51.2	36.2	28.4	23.8	16.1	13.5	7.27
12 FLB 350	515	400	322	266	194	141	111	77.4	61.5	43.4	34.1	28.6	19.3	16.1	8.72
12 FLB 400	592	456	366	298	219	159	125	86.6	68.3	48.2	37.8	31.7	21.5	17.9	9.69
12 FLB 450	661	513	413	341	249	181	143	99.4	78.9	56.5	44.7	37.7	25.3	20.6	11.2
12 FLB 500	666	528	436	371	285	211	167	116	92.2	65.1	51.0	42.8	29.0	24.2	13.1

**Watt per cell to 1.80 VPC ( at 25°C )**

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	143	113	91.4	75.4	55.6	39.7	31.4	21.9	17.5	12.4	9.67	8.09	5.54	4.63	2.48
12 FLB 150	193	153	126	108	82.3	60.4	47.8	33.3	26.4	19.0	14.9	12.5	8.53	7.13	3.81
12 FLB 200	276	213	178	150	114	83.7	66.5	47.2	38.1	27.1	21.1	17.6	11.8	9.79	5.20
12 FLB 250	349	272	226	192	147	108	85.3	59.5	47.4	33.4	26.2	21.9	14.9	12.5	6.62
12 FLB 300	376	298	247	206	158	115	91.4	63.8	50.8	35.8	28.0	23.5	16.0	13.4	7.14
12 FLB 350	441	356	290	245	186	138	110	76.3	60.7	42.9	33.6	28.2	19.2	16.0	8.57
12 FLB 400	501	397	329	274	210	154	122	85.0	67.7	47.7	37.4	31.3	21.3	17.8	9.52
12 FLB 450	566	456	372	314	239	177	141	98.0	77.8	55.5	44.1	37.4	25.1	20.5	11.0
12 FLB 500	597	481	404	348	274	207	165	115	91.0	64.4	50.5	42.3	28.8	24.1	12.9

**Watt per cell to 1.85 VPC ( at 25°C )**

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	130	103	84.5	70.5	52.5	38.1	30.0	21.1	16.9	12.0	9.32	7.75	5.32	4.42	2.38
12 FLB 150	173	140	117	99.6	76.7	56.9	45.2	31.7	25.4	18.2	14.4	12.2	8.29	6.92	3.66
12 FLB 200	243	196	166	140	107	79.2	62.7	44.4	35.8	25.4	19.9	16.7	11.3	9.30	5.01
12 FLB 250	310	250	212	183	141	103	82.0	57.4	45.9	32.3	25.4	21.3	14.4	11.8	6.38
12 FLB 300	332	268	227	193	149	111	87.8	61.5	49.1	34.6	27.2	22.8	15.5	13.0	6.86
12 FLB 350	385	313	265	226	175	130	103	72.0	57.6	41.5	32.6	27.4	18.6	15.6	8.23
12 FLB 400	443	357	303	257	198	148	117	82.0	65.5	46.1	36.2	30.4	20.7	17.3	9.14
12 FLB 450	494	402	340	290	224	166	132	92.4	73.9	53.2	42.1	35.6	24.2	19.7	10.5
12 FLB 500	513	424	358	306	246	188	154	108	86.4	62.3	48.9	41.0	28.0	23.3	12.3

**Watt per cell to 1.90 VPC ( at 25°C )**

TYPE	Discharge Time (minutes)														
	5	10	15	20	30	45	60	90	120	180	240	300	480	600	1200
12 FLB 100	112	87.4	73.0	61.1	47.1	34.7	27.4	19.3	15.4	11.1	8.72	7.31	4.99	4.11	2.20
12 FLB 150	147	120	101	87.2	68.4	51.2	41.3	28.9	23.1	16.8	13.3	11.2	7.76	6.40	3.38
12 FLB 200	205	169	141	120	95.7	71.5	57.2	40.5	32.6	23.5	18.5	15.5	10.5	8.69	4.65
12 FLB 250	261	218	189	164	128	95.6	75.8	53.2	42.6	29.9	23.5	19.7	13.4	11.0	5.92
12 FLB 300	280	230	195	169	132	101	80.3	56.7	45.6	32.1	25.2	21.1	14.5	12.2	6.34
12 FLB 350	323	267	228	198	157	119	94.5	67.0	54.0	38.5	30.2	25.3	17.4	14.6	7.61
12 FLB 400	373	306	260	225	176	134	107	75.6	60.8	42.8	33.5	28.1	19.4	16.3	8.45
12 FLB 450	415	343	292	254	201	152	121	85.9	69.3	49.4	39.2	33.1	22.5	18.4	9.72
12 FLB 500	427	359	308	268	215	169	138	99.1	81.0	57.7	45.3	38.0	26.2	22.0	11.4