

EnerSys®

Power/Full Solutions



PowerSafe®
SBSXC+

Performance Data

Constant Current Discharge Performance Data

Discharge Current (Amperes) to 1.75Vpc at 20°C

Battery Type	Standby Time (Hours)										
	1	2	3	4	5	6	7	8	9	10	20
SBS XC+ 92F / SBS XC+ 92F-FT	62.4	35.7	25.4	19.9	16.5	14.1	12.4	11.1	10.1	9.2	4.81
SBS XC+ 150F-FT	105	60.8	43.6	34.3	28.4	24.3	21.3	18.9	17.1	15.6	8.43
SBS XC+ 190F-FT	133	77.4	55.0	42.9	35.3	30.0	26.2	23.2	20.9	19.0	9.98
SBS XC+ 210F-FT	139	81.6	58.5	45.9	37.9	32.3	28.2	25.0	22.5	20.5	10.7
SBS XC+ 320	184	122	90.7	71.5	59.0	50.3	43.9	39.0	35.1	32.0	17.0
SBS XC+ 400	230	152	113	89.4	73.7	62.8	54.9	48.7	43.9	40.0	21.2
SBS XC+ 580	334	221	164	129	107	91.1	79.6	70.7	63.7	58.0	30.8
SBS XC+ 680	391	259	192	152	125	106	93.3	82.9	74.7	68.0	36.1
SBS XC+ 780	449	297	221	174	143	122	107	95.1	85.6	78.0	41.4
SBS XC+ 900	518	343	255	201	166	141	123	109	98.8	90.0	47.8
SBS XC+ 970	569	357	264	208	173	149	131	117	106	97.0	49.9
SBS XC+ 1200	739	464	343	270	225	193	170	152	137	126	64.8
SBS XC+ 1500	915	575	424	335	279	239	210	188	170	156	80.3
SBS XC+ 1800	1097	689	509	402	334	287	252	225	204	187	96.2

Discharge Current (Amperes) to 1.80Vpc at 20°C

Battery Type	Standby Time (Hours)										
	1	2	3	4	5	6	7	8	9	10	20
SBS XC+ 92F / SBS XC+ 92F-FT	60.8	35.2	25.1	19.7	16.3	14.0	12.3	11.0	10.0	9.20	4.78
SBS XC+ 150F-FT	101	58.7	42.2	33.2	27.5	23.5	20.6	18.3	16.5	15.1	8.17
SBS XC+ 190F-FT	126	74.9	53.9	42.3	34.9	29.8	26.1	23.1	20.8	19.0	9.98
SBS XC+ 210F-FT	132	79.4	57.5	45.4	37.6	32.2	28.1	25.0	22.5	20.5	10.7
SBS XC+ 320	167	113	86.2	69.5	58.4	50.3	43.9	39.0	35.1	32.0	17.0
SBS XC+ 400	209	142	107	86.9	73.0	62.8	54.9	48.7	43.9	40.0	21.2
SBS XC+ 580	303	206	156	126	105	91.1	79.6	70.7	63.7	58.0	30.8
SBS XC+ 680	355	242	183	147	124	106	93.3	82.9	74.7	68.0	36.1
SBS XC+ 780	407	277	210	169	142	122	107	95.1	85.6	78.0	41.4
SBS XC+ 900	470	320	242	195	164	141	123	109	98.8	90.0	47.8
SBS XC+ 970	525	340	254	204	171	148	131	117	106	97.0	49.9
SBS XC+ 1200	682	442	330	265	223	193	170	152	137	126	64.8
SBS XC+ 1500	845	548	408	328	276	239	210	188	170	156	80.3
SBS XC+ 1800	1013	657	489	393	331	286	252	225	204	187	96.2

Discharge Current (Amperes) to 1.85Vpc at 20°C

Battery Type	Standby Time (Hours)										
	1	2	3	4	5	6	7	8	9	10	20
SBS XC+ 92F / SBS XC+ 92F-FT	58.3	34.2	24.8	19.4	16.2	13.9	12.2	10.9	9.94	9.08	4.71
SBS XC+ 150F-FT	95.0	55.3	39.6	31.1	25.8	22.1	19.4	17.3	15.6	14.2	7.67
SBS XC+ 190F-FT	115	69.3	50.2	39.6	32.8	28.0	24.5	21.8	19.6	17.9	9.47
SBS XC+ 210F-FT	121	73.9	53.8	42.6	35.3	30.2	26.5	23.6	21.2	19.3	10.2
SBS XC+ 320	146	102	79.1	64.5	54.5	47.3	41.8	37.6	34.1	31.3	17.0
SBS XC+ 400	183	128	98.9	80.6	68.1	59.1	52.3	47.0	42.6	39.1	21.2
SBS XC+ 580	266	186	143	117	98.8	85.7	75.8	68.1	61.8	56.7	30.8
SBS XC+ 680	311	218	168	137	115	100	88.9	79.9	72.5	66.5	36.1
SBS XC+ 780	357	250	192	157	133	115	102	91.6	83.2	76.2	41.4
SBS XC+ 900	412	289	222	181	153	133	117	105	96.0	88.0	47.8
SBS XC+ 970	470	315	239	192	162	140	124	112	102	93.3	48.9
SBS XC+ 1200	611	409	310	250	211	182	161	145	132	121	63.5
SBS XC+ 1500	756	506	384	310	261	226	200	180	164	150	78.7
SBS XC+ 1800	907	607	461	371	313	271	240	216	196	179	94.3

Constant Power Discharge Performance Data

Discharge Power (Watts per cell) to 1.75Vpc at 20°C

Battery Type	Standby Time (Hours)										
	1	2	3	4	5	6	7	8	9	10	20
SBS XC+ 92F / SBS XC+ 92F-FT	116	68.7	49.0	38.5	31.9	27.3	24.0	21.4	19.4	17.8	9.40
SBS XC+ 150F-FT	200	117	84.7	66.8	55.3	47.4	41.6	37.1	33.5	30.5	16.4
SBS XC+ 190F-FT	247	147	106	83.2	68.7	58.6	51.1	45.4	40.9	37.2	19.6
SBS XC+ 210F-FT	260	156	112	89.1	73.8	63.1	55.2	49.1	44.2	40.2	21.3
SBS XC+ 320	329	225	170	136	113	97.7	85.8	76.5	69.1	62.9	33.8
SBS XC+ 400	412	281	213	171	142	122	107	95.7	86.3	78.7	42.3
SBS XC+ 580	597	408	308	248	206	177	155	138	125	114	61.3
SBS XC+ 680	701	478	362	291	241	207	182	162	146	133	71.9
SBS XC+ 780	803	549	415	333	277	238	209	186	168	153	82.5
SBS XC+ 900	927	633	479	385	320	275	241	215	194	177	95.2
SBS XC+ 970	1041	679	503	402	336	289	255	228	207	190	99.4
SBS XC+ 1200	1319	882	654	522	436	376	331	297	269	246	129
SBS XC+ 1500	1634	1092	810	646	540	465	410	368	333	305	159
SBS XC+ 1800	2007	1309	971	775	647	558	492	441	399	366	191

Discharge Power (Watts per cell) to 1.80Vpc at 20°C

Battery Type	Standby Time (Hours)										
	1	2	3	4	5	6	7	8	9	10	20
SBS XC+ 92F / SBS XC+ 92F-FT	116	68.0	48.8	38.4	31.8	27.2	23.9	21.4	19.4	17.8	9.36
SBS XC+ 150F-FT	195	114	82.6	65.1	54.0	46.2	40.5	36.1	32.6	29.7	16.0
SBS XC+ 190F-FT	239	143	104	82.2	68.0	58.2	50.9	45.3	40.8	37.2	19.6
SBS XC+ 210F-FT	251	152	112	88.2	73.3	62.8	55.0	49.0	44.2	40.2	21.3
SBS XC+ 320	306	213	163	133	112	97.5	85.8	76.5	69.1	62.9	33.8
SBS XC+ 400	382	266	204	166	140	121	107	95.7	86.3	78.7	42.3
SBS XC+ 580	554	386	296	241	203	176	155	138	125	114	61.3
SBS XC+ 680	650	452	347	282	238	207	182	162	146	133	71.9
SBS XC+ 780	746	519	398	324	273	237	209	186	168	153	82.5
SBS XC+ 900	861	599	459	374	315	274	241	215	194	177	95.2
SBS XC+ 970	979	652	486	394	332	287	255	228	207	190	99.4
SBS XC+ 1200	1273	847	632	511	431	374	331	297	269	246	129
SBS XC+ 1500	1576	1049	782	633	534	463	410	368	333	305	159
SBS XC+ 1800	1889	1258	938	759	640	555	491	441	399	366	191

Discharge Power (Watts per cell) to 1.85Vpc at 20°C

Battery Type	Standby Time (Hours)										
	1	2	3	4	5	6	7	8	9	10	20
SBS XC+ 92F / SBS XC+ 92F-FT	113	66.7	48.3	38.0	31.6	27.1	23.9	21.3	19.4	17.7	9.26
SBS XC+ 150F-FT	185	108	78.3	61.6	51.1	43.8	38.4	34.3	31.0	28.2	15.2
SBS XC+ 190F-FT	221	134	97.9	77.5	64.3	55.0	48.2	42.9	38.7	35.3	18.7
SBS XC+ 210F-FT	233	143	105	83.5	69.4	59.6	52.2	46.5	41.9	38.2	20.3
SBS XC+ 320	274	195	151	124	105	92.4	82.0	73.7	67.0	61.4	33.8
SBS XC+ 400	343	244	189	155	132	115	102	92.2	83.8	76.8	42.3
SBS XC+ 580	497	354	275	225	191	167	148	133	121	111	61.3
SBS XC+ 680	583	415	322	264	225	196	174	156	142	130	71.9
SBS XC+ 780	669	476	370	303	258	225	200	179	163	149	82.5
SBS XC+ 900	771	550	427	350	297	259	230	207	188	172	95.2
SBS XC+ 970	894	607	462	375	316	275	244	219	200	183	97.4
SBS XC+ 1200	1162	789	601	488	411	357	317	285	260	238	126
SBS XC+ 1500	1438	977	744	604	509	442	392	353	321	295	156
SBS XC+ 1800	1724	1171	892	724	610	530	471	423	385	354	187



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