

# EnerSys®

Power/Full Solutions



**PowerSafe®**  
SBS 

## Performance Data

















# Constant Power Discharge Performance Data



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

Battery Type	Standby Time (Minutes)									Standby Time (Hours)										
	5	10	15	20	25	30	35	40	45	1	2	3	4	5	6	7	8	9	10	20
SBS B14	367.3	265.4	211.4	176.7	152.6	134.8	121.4	110.4	101.3	81.9	47.7	34.2	27.0	22.4	19.2	16.9	15.0	13.5	12.3	6.73
SBS B14F	367.3	265.4	211.4	176.7	152.6	134.8	121.4	110.4	101.3	81.9	47.7	34.2	27.0	22.4	19.2	16.9	15.0	13.5	12.3	6.73
SBS C11	487.0	365.7	295.1	249.2	216.7	191.9	172.8	157.2	144.3	116.5	68.0	48.8	38.3	31.8	27.2	23.9	21.4	19.4	17.8	10.0
SBS C11F	487.0	365.7	295.1	249.2	216.7	191.9	172.8	157.2	144.3	116.5	68.0	48.8	38.3	31.8	27.2	23.9	21.4	19.4	17.8	10.0
SBS 100	517.8	395.4	327.2	278.2	244.0	216.7	195.7	178.9	164.8	133.6	78.0	55.8	43.6	35.9	30.5	26.7	23.7	21.4	19.6	10.8
SBS 100F	517.8	395.4	327.2	278.2	244.0	216.7	195.7	178.9	164.8	133.6	78.0	55.8	43.6	35.9	30.5	26.7	23.7	21.4	19.6	10.8
SBS 150F	627.2	513.5	436.1	379.8	337.8	305.4	279.3	257.2	238.1	195.9	114.8	82.6	65.1	53.9	46.2	40.5	36.1	32.6	29.7	16.0
SBS 170F	711.5	570.4	482.4	428.1	379.7	345.1	316.3	291.3	270.1	222.8	131.9	94.8	74.1	61.0	52.1	45.6	40.5	36.5	33.3	18.2
SBS 190F	814.7	653.9	552.5	481.9	428.2	387.3	353.4	325.0	301.5	248.3	148.5	107.3	84.2	69.5	59.4	51.9	46.1	41.5	37.9	20.6
SBS 210F	608.2	586.3	525.0	467.6	420.4	382.7	351.6	325.3	302.8	251.1	152.5	111.2	88.2	73.3	62.8	55.0	49.0	44.2	40.2	21.3
SBS 320	471.7	471.6	449.4	428.0	409.0	390.5	372.9	357.5	343.0	306.2	213.1	163.4	133.0	112.3	97.5	85.8	76.5	69.1	62.9	33.8
SBS 400	589.6	589.5	561.8	535.0	511.3	488.1	466.2	446.9	428.7	382.7	266.4	204.3	166.2	140.3	121.9	107.4	95.7	86.3	78.7	42.3
SBS 480	707.5	707.4	674.1	642.0	613.5	585.8	559.4	536.2	514.5	459.3	319.7	245.1	199.5	168.4	146.3	128.8	114.9	103.7	94.4	50.8
SBS 580	854.9	854.8	814.6	775.7	741.3	707.8	675.9	647.9	621.6	554.9	386.3	296.2	241.0	203.5	176.7	155.7	138.8	125.2	114.1	61.3
SBS 680	1002	1002	955.0	909.4	869.1	829.9	792.5	759.6	728.8	650.6	452.9	347.3	282.6	238.6	207.2	182.5	162.7	146.8	133.8	71.9
SBS 780	1149	1149	1095	1043	997.0	951.9	909.0	871.4	836.0	746.3	519.5	398.4	324.2	273.7	237.7	209.3	186.7	168.4	153.5	82.5
SBS 900	1300	1300	1264	1204	1150	1098	1049	1005	964.6	861.1	599.4	459.7	374.0	315.8	274.2	241.5	215.4	194.4	177.1	95.2
SBS 970	1721	1721	1623	1516	1425	1338	1257	1187	1124	979.8	652.3	486.7	394.0	332.1	287.9	255.1	228.8	207.4	190.0	99.4
SBS 1200	2236	2235	2108	1969	1852	1738	1633	1541	1460	1273	847.4	632.2	511.8	431.3	374.0	331.4	297.2	269.4	246.8	129.1
SBS 1500	2768	2768	2610	2438	2292	2152	2022	1908	1808	1576	1049	782.7	633.7	534.0	463.1	410.3	368.0	333.6	305.6	159.9
SBS 1800	3318	3318	3129	2922	2748	2579	2424	2287	2167	1889	1258	938.2	759.6	640.1	555.1	491.9	441.1	399.9	366.4	191.7
SBS 2700	4791	4790	4518	4219	3968	3724	3499	3303	3129	2727	1816	1355	1097	924.3	801.5	710.2	636.8	577.3	529.0	276.7
SBS 3100	5500	5500	5187	4844	4556	4275	4018	3792	3593	3131	2085	1555	1259	1061	920.2	815.4	731.2	662.9	607.3	317.7
SBS 3900	6920	6919	6526	6094	5731	5379	5055	4771	4520	3939	2623	1957	1584	1335	1158	1026	919.9	833.9	764.1	399.7

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

Battery Type	Standby Time (Minutes)									Standby Time (Hours)										
	5	10	15	20	25	30	35	40	45	1	2	3	4	5	6	7	8	9	10	20
SBS B14	335.2	248.6	198.3	166.6	144.2	128.1	115.6	105.4	97.1	78.9	46.5	33.6	26.6	22.0	19.0	16.7	14.9	13.5	12.3	6.70
SBS B14F	335.2	248.6	198.3	166.6	144.2	128.1	115.6	105.4	97.1	78.9	46.5	33.6	26.6	22.0	19.0	16.7	14.9	13.5	12.3	6.70
SBS C11	456.5	342.8	279.0	237.1	207.1	183.9	166.4	151.2	139.1	113.1	66.7	48.3	38.1	31.6	27.1	23.8	21.3	19.3	17.7	10.0
SBS C11F	456.5	342.8	279.0	237.1	207.1	183.9	166.4	151.2	139.1	113.1	66.7	48.3	38.1	31.6	27.1	23.8	21.3	19.3	17.7	10.0
SBS 100	461.8	362.0	302.1	259.7	227.7	204.3	184.7	168.6	155.5	126.8	75.2	54.3	42.5	35.1	29.9	26.1	23.3	21.0	19.2	10.6
SBS 100F	461.8	362.0	302.1	259.7	227.7	204.3	184.7	168.6	155.5	126.8	75.2	54.3	42.5	35.1	29.9	26.1	23.3	21.0	19.2	10.6
SBS 150F	562.4	468.1	402.8	353.7	316.5	287.6	263.4	243.1	224.9	185.7	108.9	78.3	61.6	51.1	43.8	38.4	34.3	31.0	28.2	15.2
SBS 170F	663.4	537.4	457.3	405.3	362.6	327.3	301.5	280.1	259.2	214.4	127.7	92.1	72.0	59.3	50.7	44.3	39.3	35.5	32.3	17.6
SBS 190F	727.9	592.7	510.7	447.9	401.0	364.5	335.0	308.7	287.0	237.8	143.9	105.2	82.4	68.0	58.2	50.9	45.2	40.9	37.3	20.2
SBS 210F	597.3	534.0	471.5	422.2	383.0	350.6	323.0	299.7	279.7	233.9	143.4	105.0	83.5	69.4	59.6	52.2	46.5	41.9	38.2	20.3
SBS 320	388.8	388.8	388.8	374.0	357.8	342.3	328.8	316.2	304.7	274.5	195.6	151.9	124.6	105.9	92.4	82.0	73.7	67.0	61.4	33.8
SBS 400	486.0	486.0	486.0	467.5	447.2	427.9	411.0	395.2	380.9	343.1	244.6	189.9	155.8	132.3	115.5	102.5	92.2	83.8	76.8	42.3
SBS 480	583.3	583.2	583.2	561.1	536.6	513.5	493.2	474.3	457.1	411.7	293.5	227.9	187.0	158.8	138.6	123.0	110.7	100.6	92.2	50.8
SBS 580	704.8	704.7	704.7	677.9	648.4	620.5	595.9	573.1	552.3	497.5	354.6	275.4	225.9	191.9	167.5	148.7	133.7	121.5	111.4	61.3
SBS 680	826.3	826.2	826.2	794.8	760.2	727.5	698.7	671.9	647.5	583.2	415.7	322.8	264.9	225.0	196.3	174.3	156.8	142.5	130.6	71.9
SBS 780	947.8	947.7	947.7	911.7	872.0	834.4	801.4	770.7	742.7	669.0	476.9	370.3	303.8	258.1	225.2	200.0	179.8	163.4	149.8	82.5
SBS 900	1094	1094	1093	1052	1006	962.8	924.7	889.3	857.0	771.9	550.2	427.3	350.6	297.8	259.9	230.7	207.5	188.6	172.9	95.2
SBS 970	1430	1430	1430	1345	1259	1185	1123	1067	1017	894.4	607.5	462.9	375.9	316.9	275.4	244.3	219.7	200.2	183.9	97.4
SBS 1200	1857	1857	1857	1747	1635	1539	1458	1386	1322	1162	789.2	601.3	488.3	411.6	357.7	317.4	285.3	260.0	238.9	126.6
SBS 1500	2299	2299	2299	2164	2025	1906	1806	1716	1636	1438	977.1	744.5	604.6	509.6	442.9	392.9	353.3	321.9	295.7	156.7
SBS 1800	2756	2756	2756	2594	2427	2284	2164	2058	1962	1724	1171	892.4	724.7	610.9	530.9	471.0	423.5	385.9	354.5	187.9
SBS 2700	3980	3979	3979	3745	3504	3298	3125	2971	2832	2489	1691	1289	1046	882.1	766.5	680.0	611.4	557.1	511.9	271.2
SBS 3100	4569	4569	4569	4299	4023	3787	3588	3411	3252	2858	1942	1479	1201	1013	880.1	780.8	702.0	639.7	587.7	311.4
SBS 3900	5748	5748	5748	5409	5061	4764	4514	4291	4091	3596	2443	1861	1511	1274	1107	982.3	883.2	804.7	739.4	391.8



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