
**BATTERY
PERFORMANCE
SPECIFICATIONS**



EnerSys[®]

Power/Full Solutions

RESERVE
POWER

Introducing the PowerSafe® SBS Battery



The PowerSafe® SBS battery range utilizes unique and proven technology to provide a superior range of Valve Regulated Lead Acid (VRLA) batteries with an extended service life in compact and energy dense configurations.

PowerSafe SBS batteries are manufactured to the highest international standards and are ideal for reliable use in all wireless and fixed-line communication applications. PowerSafe SBS batteries are also widely used in cable TV, emergency lighting, power generation and offshore applications.

PowerSafe SBS batteries are designed to cope with raised temperatures and harsh environments. The advanced thin plate, pure lead technology and unique manufacturing methods, used by EnerSys, make PowerSafe SBS batteries the choice for long and trouble-free service. The maximum operating temperature of the PowerSafe SBS J series batteries can be extended to 176°F (80°C) via an optional metal jacket.

The PowerSafe SBS EON Technology™ battery range is available in several configurations including the front terminal series, which is becoming increasingly popular, as they are easy to install and safer to maintain in leading edge telecom applications. Smaller than the competition, the front terminal series offers design flexibility where space is limited and will easily fit in cabinets and 19" or 23" rack configurations.

Features and Benefits

- Capacity range: 7Ah - 360Ah
- Proven long service
- High energy density
- Up to two year shelf life
- Very low ventilation requirement
- 2V, 6V, and 12V configurations
- Wide operating temperature range: -40°F (-40°C) to 122°F (50°C)

Construction

- Positive plate - pure lead grid using a unique manufacturing process
- Negative plate - pure lead grid
- Separator - superior quality microporous glass mat separator with high absorption and stability
- Jar material - impact resistant material, flame retardant to UL94 V-0 (J types are PPO resin, all others are ABS)
- Electrolyte - high grade dilute sulfuric acid absorbed into separator material
- Terminal design - leak resistant patented dual seal terminal design

Operation

- Recommended float charge voltage: 2.29Vpc @ 68°F (20°C) or 2.27Vpc @ 77°F (25°C)
- Can be mounted in any orientation except inverted
- Designed for use in cabinets, or on stands, close to the point of use. A separate battery room is not required
- Ideal for installation as an integral part of a standby system due to its long life
- Also available for underwater applications

Standards

- Meets criteria for "non-spillable" batteries. Properly packaged and identified non-spillable batteries are exempt from U.S. and international dangerous goods regulations for ground, sea and air transportation. See applicable regulations and special provisions of the US DOT (U.S. Department of Transportation), ICAO (International Civil Aviation Organization), IATA (The Air Transport Association) and IMDG (International Maritime Code for Dangerous Goods)
- The management systems governing the manufacture of this product are ISO™ 9001:2000 and ISO™ 14001:2004 certified
- Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels

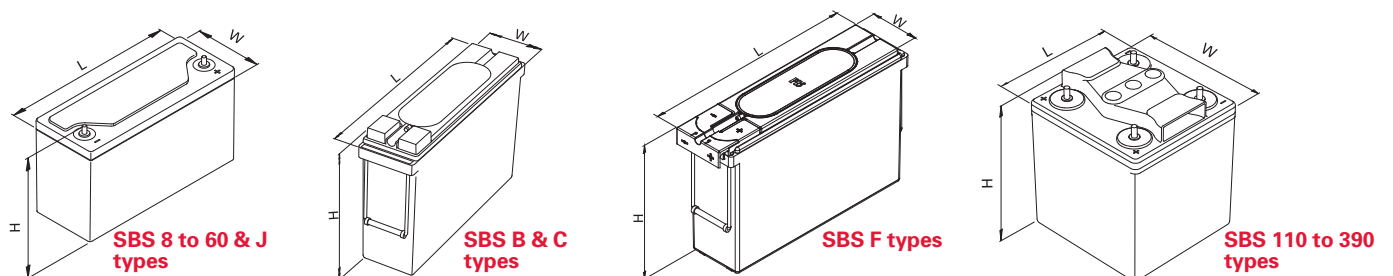
General Specifications

PowerSafe® SBS Battery	Number of Cells	Nominal Voltage (V)	Nominal Capacity (Ah)		Nominal Dimensions						Typical Weight		Short Circuit Current (A) ⁽²⁾	Internal Resistance (mΩ) ⁽²⁾	Terminals
			10 hr rate to 1.80Vpc @ 20°C	8 hr rate to 1.75Vpc @ 77°F	Length mm	in	Width mm	in	Height mm	in	kg	lbs			
SBS 8	6	12	7	7	138	5.4	86	3.4	99	3.9	2.7	5.9	455	27.1	M4 F
SBS 15	6	12	14	14	200	7.9	77	3.0	140	5.5	5.7	12.5	891	13.5	M6 M
SBS 30	6	12	26	26	250	9.8	97	3.8	156	6.1	9.5	20.9	1556	7.9	M6 M
SBS HB30 ⁽¹⁾	6	12	26	26	250	9.8	97	3.8	156	6.1	9.6	21.1	1556	7.9	harness
SBS 40	6	12	38	38	250	9.8	97	3.8	206	8.1	12.7	28.0	2184	5.6	M6 M
SBS 60	6	12	51	51	220	8.7	121	4.8	261	10.3	18.5	40.7	2618	4.4	M6 M
SBS 110	3	6	115	116	200	7.9	208	8.2	239	9.4	21.2	46.6	3804	1.7	M8 M
SBS 130	3	6	132	133	200	7.9	208	8.2	239	9.4	22.7	49.9	4111	1.4	M8 M
SBS 300	1	2	310	307	200	7.9	208	8.2	239	9.4	21.7	47.7	8700	0.23	M8 M
SBS 390	1	2	360	361	200	7.9	208	8.2	239	9.4	23.2	51.0	11101	0.18	M8 M
SBS J13	6	12	12	12	175	6.9	83	3.3	129	5.1	5.7	12.6	957	13.0	M6 F
SBS J16	6	12	15	15	181	7.1	76	3.0	167	6.6	6.7	14.8	1111	11.0	M6 F
SBS J30	6	12	26	26	166	6.5	175	6.9	125	4.9	11.8	26.0	1766	7.0	M6 F
SBS J40	6	12	39	39	197	7.7	165	6.5	170	6.7	17.4	38.2	2400	5.2	M6 F
SBS J70	6	12	64	64	329	12.9	166	6.5	174	6.9	27.6	60.9	3500	3.5	M6 F
SBS B8F	6	12	31	31	303	11.9	97	3.8	159	6.3	10.3	22.7	1270	10.0	M6 M
SBS B10F	6	12	38	38	303	11.9	97	3.8	184	7.2	12.8	28.2	1390	9.0	M6 M
SBS B14F	6	12	62	62	303	11.9	97	3.8	264	10.4	19.1	42.0	1800	7.0	M6 M
SBS C11F	6	12	92	91	417	16.4	105	4.1	256	10.1	28.0	61.6	2300	5.5	M6 M
SBS 100F	6	12	100	100	395	15.6	108	4.3	287	11.3	32.6	71.9	2210	5.6	M6 M
SBS 112F	6	12	112	112	561	22.1	125	4.9	228	9	41	90.4	2500	5	M6 M
SBS145F	6	12	145	145	452	17.8	172	6.8	238	9.4	47.6	105.0	4100	3.0	M6 M
SBS170F	6	12	170	170	561	22.1	125	4.9	283	11.1	52.5	115.7	3400	4.0	M6 M
SBS190F	6	12	190	190	561	22.1	125	4.9	316	12.4	60.0	132.3	3800	3.3	M6 M
SBS B8	6	12	31	31	280	11.0	97	3.8	159	6.3	10.3	22.7	1270	10.0	M8 F
SBS B10	6	12	38	38	280	11.0	97	3.8	184	7.2	12.8	28.2	1390	9.0	M8 F
SBS B14	6	12	62	62	280	11.0	97	3.8	264	10.4	19.1	42.0	1800	7.0	M8 F
SBS C11	6	12	92	91	395	15.6	105	4.1	264	10.4	28.0	61.6	2300	5.5	M8 F
SBS 100	6	12	100	100	395	15.6	108	4.3	287	11.3	32.6	71.9	2210	5.6	M8 F
SBS145	6	12	145	145	430	16.9	172	6.8	238	9.4	47.6	105.0	4100	3.0	M6 F

Notes

⁽¹⁾ SBS HB30 is fitted with a 21"/533mm harness that terminates in a 2-pin polarized plug-in connector which is compatible with embedded power SLC systems.

⁽²⁾ Figures obtained via BS6290 method.



Constant Current



Discharge Rates in Amperes to 1.75Vpc at 25°C (77°F)

PowerSafe® SBS Battery	Minutes			Hours									
	15	30	45	1	2	3	4	5	6	7	8	10	20
SBS 8	18.2	10.5	7.45	5.82	3.18	2.21	1.72	1.41	1.19	1.04	0.93	0.76	0.42
SBS 15	33.3	19.5	14.1	11.1	6.16	4.31	3.33	2.73	2.32	2.01	1.78	1.45	0.76
SBS 30	62.0	36.3	26.1	20.6	11.4	7.95	6.14	5.02	4.25	3.70	3.27	2.72	1.51
SBS 40	85.1	51.0	37.0	29.3	16.2	11.4	8.77	7.16	6.06	5.25	4.74	3.89	2.12
SBS 60	111	66.9	48.9	38.9	21.9	15.4	12.0	9.83	8.35	7.26	6.43	5.24	2.87
SBS 110	214	136	102	82.1	47.3	33.8	26.4	21.8	18.6	16.2	14.5	11.9	6.44
SBS 130	252	157	117	94.3	54.4	38.8	30.4	25.1	21.4	18.7	16.6	13.6	7.25
SBS 300	615	388	286	224	127	89.1	69.3	57.9	50.2	43.3	38.4	32.1	17.7
SBS 390	666	432	326	263	152	108	83.7	68.8	58.4	51.1	45.1	36.9	19.7
SBS J13	28.0	16.5	11.9	9.40	5.20	3.63	2.81	2.29	1.94	1.69	1.49	1.22	0.64
SBS J16	35.1	21.0	15.2	12.0	6.67	4.66	3.60	2.94	2.48	2.15	1.90	1.54	0.80
SBS J30	64.5	38.0	27.3	21.4	11.7	8.11	6.24	5.08	4.30	3.73	3.30	2.69	1.44
SBS J40	90.9	54.7	39.7	31.3	17.3	12.0	9.29	7.58	6.41	5.56	4.91	4.00	2.11
SBS J70	154	92.0	66.3	52.1	28.3	19.6	15.0	12.2	10.26	8.87	7.83	6.34	3.32
SBS B8*	69.2	40.3	29.2	23.1	13.0	9.20	7.14	5.84	4.95	4.29	3.90	3.14	1.64
SBS B10*	81.2	47.8	34.3	26.9	14.7	10.2	7.90	6.47	5.32	4.67	4.25	3.84	2.11
SBS B14*	137	84.4	61.8	49.0	27.2	19.0	14.6	11.9	10.1	8.76	7.74	6.30	3.33
SBS C11*	177	110	81.4	64.9	36.7	26.0	20.2	16.0	14.2	12.4	11.4	9.39	5.18
SBS100*	202	128.3	94.9	76.2	42.9	30.1	23.4	19.2	16.4	14.4	12.6	10.37	5.63
SBS112F*	196.6	128.5	97.3	78.9	46.0	32.9	25.8	21.2	18.1	15.8	14.0	11.5	6.07
SBS145*	262	165	122	98.0	56.4	40.8	32.0	26.6	22.9	20.2	18.1	15.0	7.72
SBS170F	306.9	203.0	153.4	124.3	72.0	51.2	39.9	32.8	27.9	24.4	21.6	17.7	9.55
SBS190F	344.4	225.8	170.6	138.2	80.3	57.2	44.6	36.7	31.3	27.3	24.2	19.8	10.7

Discharge Rates in Amperes to 1.80Vpc at 25°C (77°F)

PowerSafe® SBS Battery	Minutes			Hours									
	15	30	45	1	2	3	4	5	6	7	8	10	20
SBS 8	17.7	10.3	7.33	5.74	3.13	2.18	1.70	1.39	1.18	1.03	0.92	0.75	0.42
SBS 15	32.5	19.2	13.9	11.0	6.07	4.25	3.29	2.69	2.28	1.98	1.75	1.43	0.75
SBS 30	60.3	35.6	25.7	20.3	11.2	7.85	6.06	4.96	4.20	3.65	3.23	2.69	1.49
SBS 40	82.5	49.9	36.4	28.8	16.0	11.2	8.65	7.06	5.98	5.18	4.68	3.84	2.10
SBS 60	107	65.2	47.9	38.2	21.6	15.2	11.8	9.69	8.22	7.16	6.34	5.18	2.76
SBS 110	204	132	99.4	80.3	46.5	33.2	26.0	21.5	18.3	16.0	14.3	11.7	6.38
SBS 130	240	152	114	91.9	53.4	38.2	29.9	24.7	21.1	18.4	16.4	13.4	7.16
SBS 300	580	362	263	209	120	85.8	67.6	55.4	48.8	42.5	38.1	31.6	17.6
SBS 390	637	419	316	256	149	106	82.6	67.9	57.8	50.3	44.8	36.7	19.6
SBS J13	27.0	16.2	11.7	9.26	5.13	3.59	2.77	2.26	1.92	1.66	1.47	1.20	0.63
SBS J16	33.9	20.5	14.9	11.8	6.53	4.56	3.52	2.87	2.42	2.10	1.86	1.51	0.79
SBS J30	62.2	37.1	26.8	21.0	11.5	7.99	6.15	5.01	4.24	3.68	3.25	2.65	1.42
SBS J40	87.2	53.1	38.7	30.7	17.0	11.9	9.17	7.48	6.33	5.49	4.85	3.95	2.08
SBS J70	146	88.8	64.5	50.9	27.9	19.3	14.8	12.1	10.2	8.79	7.75	6.28	3.27
SBS B8*	67.1	39.1	28.5	22.6	12.9	9.1	7.1	5.8	4.91	4.25	3.87	3.11	1.61
SBS B10*	79.1	47.2	34.0	26.6	14.5	10.1	7.76	6.34	5.21	4.58	4.16	3.76	2.09
SBS B14*	129	81.3	60.2	48.0	27.0	18.9	14.6	11.9	10.1	8.75	7.73	6.29	3.30
SBS C11*	167	106	79.1	63.4	36.3	25.8	20.1	16.6	14.2	12.4	11.3	9.32	5.10
SBS100*	187.3	121.5	90.7	73.3	41.9	29.5	23.0	18.9	16.2	14.1	12.5	10.22	5.52
SBS112F*	182.5	121.8	93.1	76.0	44.9	32.3	25.3	20.9	17.8	15.5	13.8	11.3	5.94
SBS145*	246	158	119	95.5	55.3	40.1	31.4	26.1	22.5	19.8	17.8	14.7	7.58
SBS170F	286.7	193.7	148.1	120.5	70.4	50.3	39.2	32.3	27.5	24.0	21.3	17.4	9.39
SBS190F	322.1	215.7	164.7	134.0	78.6	56.2	43.9	36.1	30.7	26.8	23.8	19.5	10.6

Discharge Rates in Amperes to 1.85Vpc at 25°C (77°F)

PowerSafe® SBS Battery	Minutes			Hours									
	15	30	45	1	2	3	4	5	6	7	8	10	20
SBS 8	17.2	10.0	7.19	5.63	3.09	2.16	1.67	1.37	1.16	1.02	0.91	0.74	0.41
SBS 15	31.7	18.9	13.7	10.8	5.99	4.19	3.24	2.64	2.24	1.95	1.72	1.41	0.74
SBS 30	58.9	34.8	25.2	19.9	11.1	7.74	5.98	4.89	4.15	3.60	3.19	2.66	1.46
SBS 40	79.6	48.8	35.7	28.3	15.8	11.0	8.52	6.95	5.89	5.11	4.61	3.79	2.08
SBS 60	103	63.2	46.8	37.4	21.2	15.0	11.6	9.54	8.10	7.05	6.25	5.09	2.73
SBS 110	194	127	96.6	78.3	45.7	32.7	25.6	21.1	18.1	15.8	14.1	11.6	6.31
SBS 130	227	146	110	89.4	52.2	37.5	29.4	24.3	20.8	18.1	16.1	13.2	7.07
SBS 300	529	324	248	194	112	80.0	63.4	53.1	46.2	41.1	36.8	31.1	17.5
SBS 390	600	403	307	250	146	104	81.4	67.2	57.0	49.7	44.4	36.4	19.4
SBS J13	26.0	15.7	11.5	9.10	5.06	3.54	2.74	2.23	1.89	1.64	1.45	1.18	0.62
SBS J16	32.5	19.8	14.5	11.5	6.37	4.44	3.42	2.79	2.36	2.04	1.81	1.47	0.76
SBS J30	59.6	36.0	26.1	20.6	11.3	7.86	6.05	4.93	4.17	3.62	3.20	2.61	1.39
SBS J40	83.0	51.3	37.7	29.9	16.7	11.7	9.03	7.38	6.24	5.42	4.79	3.89	2.05
SBS J70	138	85.2	62.4	49.5	27.4	19.1	14.7	11.9	10.1	8.71	7.68	6.21	3.21
SBS B8*	64.9	37.9	27.7	22.1	12.7	9.02	7.02	5.76	4.88	4.22	3.82	3.08	1.56
SBS B10*	76.8	46.5	33.6	26.4	14.3	9.90	7.62	6.22	5.11	4.49	4.08	3.67	2.07
SBS B14*	122	78.0	58.3	46.8	26.7	18.8	14.6	11.9	10.1	8.75	7.73	6.28	3.28
SBS C11*	158	102	76.6	61.8	35.8	25.5	20.0	16.5	14.1	12.3	11.3	9.25	5.01
SBS100*	171.1	113.5	85.8	69.9	40.6	28.8	22.5	18.6	15.9	14.0	12.3	10.06	5.39
SBS112F*	167.0	114.1	88.3	72.6	43.5	31.5	24.8	20.5	17.4	15.2	13.5	11.0	5.79
SBS145*	228	151	114	92.5	54.0	39.2	30.7	25.5	22.0	19.4	17.4	14.4	7.41
SBS170F	260.1	180.0	139.9	114.5	67.8	48.6	37.9	31.2	26.6	23.2	20.6	16.8	9.13
SBS190F	294.6	202.2	155.8	127.3	75.7	54.3	42.4	34.9	29.8	26.0	23.1	18.9	10.3

* Discharge rates pertain to both front and top terminal models.

Discharge Rates in Watts per Cell to 1.75Vpc at 25°C (77°F)

PowerSafe® SBS Battery	Minutes			Hours									
	15	30	45	1	2	3	4	5	6	7	8	10	20
SBS 8	39.0	23.0	16.4	12.7	6.64	4.49	3.39	2.73	2.29	1.97	1.73	1.40	0.73
SBS 15	63.3	37.9	27.6	21.9	12.3	8.67	6.73	5.52	4.69	4.08	3.62	2.94	1.55
SBS 30	118	70.2	51.0	40.4	22.6	15.9	12.3	10.1	8.53	7.41	6.56	5.45	3.01
SBS 40	161	98.4	72.2	57.5	32.3	22.7	17.6	14.4	12.2	10.6	9.54	7.83	4.24
SBS 60	209	129	95.2	76.2	43.4	30.8	24.0	19.7	16.8	14.6	12.9	10.5	5.79
SBS 110	390	252	191	155	91.1	65.7	51.8	43.0	36.8	32.3	28.8	23.7	13.0
SBS 130	472	301	226	183	107	77.1	60.6	50.1	42.8	37.4	33.3	27.3	14.6
SBS 300	1,102	701	523	423	245	172	134	112	95.8	84.4	75.4	62.7	33.9
SBS 390	1,218	811	622	505	297	212	166	137	115	103	91.2	74.5	39.8
SBS J13	53.9	31.9	23.0	18.1	9.94	6.91	5.31	4.32	3.65	3.16	2.78	2.26	1.17
SBS J16	66.2	40.0	29.3	23.3	13.1	9.23	7.17	5.87	4.98	4.33	3.84	3.13	1.64
SBS J30	123	74.0	53.5	42.2	23.2	16.1	12.5	10.2	8.61	7.48	6.62	5.40	2.90
SBS J40	173	106	77.4	61.4	34.2	24.0	18.5	15.2	12.8	11.1	9.86	8.03	4.24
SBS J70	290	175	127	100	54.4	37.5	28.7	23.2	19.5	16.8	14.8	11.9	6.08
SBS B8*	132	78.1	57.0	45.5	25.9	18.4	14.3	11.7	9.92	8.60	7.82	6.32	3.30
SBS B10*	154	92.5	67.0	52.8	29.2	20.4	16.1	13.0	10.6	9.34	8.50	7.68	4.22
SBS B14*	257	162	120	95.8	53.9	37.8	29.3	23.9	20.3	17.6	15.6	12.7	6.73
SBS C11*	331	211	157	126	72.7	51.8	40.5	33.5	28.6	25.0	23.0	18.9	10.5
SBS100*	376.9	242.9	182.7	147.7	84.5	59.6	46.5	38.3	32.7	28.7	25.3	20.3	11.3
SBS112F*	368	245	187	153	90.7	65.4	51.4	42.4	36.1	31.5	28.1	23.0	12.1
SBS145*	493	317	238	191	111	81.5	64.0	51.7	44.7	39.0	36.2	28.4	15.2
SBS170F	579.6	392.8	299.9	244.2	143.1	102.2	79.9	65.7	56.0	48.9	43.4	35.5	19.2
SBS190F	672.7	452.1	344.3	279.8	163.0	116.0	90.4	74.3	64.0	55.8	48.6	39.7	21.0

Discharge Rates in Watts per Cell to 1.80Vpc at 25°C (77°F)

PowerSafe® SBS Battery	Minutes			Hours									
	15	30	45	1	2	3	4	5	6	7	8	10	20
SBS 8	38.5	22.9	16.3	12.6	6.57	4.44	3.34	2.69	2.24	1.93	1.70	1.37	0.71
SBS 15	62.3	37.5	27.4	21.7	12.2	8.59	6.68	5.47	4.64	4.04	3.58	2.92	1.54
SBS 30	116	69.3	50.4	40.0	22.3	15.7	12.2	9.95	8.44	7.33	6.48	5.39	2.97
SBS 40	157	97.0	71.3	56.8	31.9	22.4	17.4	14.2	12.0	10.4	9.43	7.74	4.21
SBS 60	205	126	93.6	75.0	42.8	30.4	23.7	19.4	16.5	14.4	12.8	10.4	5.55
SBS 110	370	242	184	150	88.7	64.2	50.7	42.1	36.2	31.7	28.3	23.4	12.9
SBS 130	455	293	221	179	105	75.9	59.7	49.4	42.2	36.9	32.8	26.9	14.4
SBS 300	1,097	694	516	415	241	169	132	111	94.6	83.5	74.7	62.4	33.8
SBS 390	1,172	788	607	494	292	209	164	135	116	101	90.0	73.5	39.3
SBS J13	53.0	31.5	22.7	17.8	9.71	6.72	5.16	4.19	3.53	3.06	2.70	2.19	1.14
SBS J16	64.4	39.2	28.7	22.9	12.8	9.05	7.02	5.75	4.88	4.24	3.75	3.06	1.61
SBS J30	120	72.4	52.6	41.5	22.9	15.9	12.3	10.0	8.49	7.38	6.53	5.33	2.85
SBS J40	167	103	75.8	60.3	33.8	23.7	18.3	15.0	12.7	11.0	9.74	7.93	4.19
SBS J70	278	170	124	98.0	53.7	37.1	28.3	22.9	19.3	16.6	14.6	11.7	5.97
SBS B8*	129	76.2	55.8	44.6	25.6	18.2	14.2	11.6	9.86	8.55	7.77	6.26	3.24
SBS B10*	151	91.8	66.6	52.5	28.9	20.1	15.6	12.7	10.4	9.16	8.32	7.52	4.18
SBS B14*	246	157	117	94.1	53.4	37.6	29.2	23.9	20.2	17.6	15.5	12.7	6.66
SBS C11*	317	205	154	124	72.0	51.4	40.3	33.3	28.4	24.9	22.8	18.8	10.3
SBS100*	353.4	231.4	175.8	142.9	82.6	58.5	45.8	37.8	32.3	28.3	25.0	20.5	11.1
SBS112F*	345	234	180	148	88.8	64.2	50.5	41.8	35.6	31.1	27.7	22.6	11.9
SBS145*	467	306	231	187	110	79.7	62.5	50.5	43.9	38.4	34.1	27.9	15.0
SBS170F	552.3	378.7	292.1	238.8	140.8	100.9	78.9	64.9	55.4	48.3	42.9	34.9	18.9
SBS190F	636.4	435.2	334.2	272.8	160.0	114.2	89.1	73.2	63.3	55.2	47.9	39.1	20.7

Discharge Rates in Watts per Cell to 1.85Vpc at 25°C (77°F)

PowerSafe® SBS Battery	Minutes			Hours									
	15	30	45	1	2	3	4	5	6	7	8	10	20
SBS 8	41.0	22.7	16.1	12.5	6.51	4.37	3.29	2.64	2.21	1.90	1.67	1.34	0.70
SBS 15	61.3	37.2	27.2	21.6	12.1	8.52	6.61	5.42	4.60	4.00	3.55	2.89	1.54
SBS 30	114	68.2	49.8	39.5	22.1	15.5	12.0	9.82	8.34	7.24	6.41	5.33	2.92
SBS 40	153	95.4	70.3	56.0	31.5	22.1	17.1	14.0	11.8	10.3	9.29	7.63	4.18
SBS 60	198	123	91.9	73.8	42.2	29.9	23.3	19.1	16.3	14.2	12.6	10.3	5.50
SBS 110	348	231	177	144	86.1	62.5	49.5	41.2	35.4	31.1	27.8	23.0	12.7
SBS 130	435	284	215	175	103	74.6	58.7	48.6	41.6	36.4	32.3	26.6	14.2
SBS 300	953	659	474	394	212	152	122	103	89.0	79.5	71.7	61.0	33.8
SBS 390	1,125	769	592	485	285	206	162	133	115	100	89.0	72.8	39.2
SBS J13	52.1	31.0	22.3	17.5	9.45	6.52	4.99	4.05	3.41	2.95	2.60	2.11	1.11
SBS J16	62.3	38.3	28.1	22.4	12.6	8.85	6.86	5.62	4.76	4.14	3.67	2.99	1.57
SBS J30	116	70.7	51.6	40.8	22.5	15.7	12.1	9.88	8.36	7.26	6.43	5.24	2.80
SBS J40	161	100	74.2	59.2	33.3	23.4	18.1	14.8	12.5	10.9	9.62	7.83	4.13
SBS J70	265	164	121	95.8	52.9	36.6	28.0	22.7	19.0	16.4	14.4	11.6	5.84
SBS B8*	125	74.3	54.6	43.7	25.3	18.1	14.1	11.6	9.80	8.49	7.70	6.20	3.15
SBS B10*	148	91.1	66.2	52.1	28.5	19.8	15.3	12.5	10.2	8.98	8.16	7.34	4.14
SBS B14*	235	152	115	92.3	52.9	37.4	29.1	23.8	20.2	17.5	15.5	12.6	6.59
SBS C11*	302	198	150	121	71.1	47.9	40.0	33.0	28.2	24.7	22.6	18.6	10.1
SBS100*	327	215.8	167.6	137.2	80.4	57.3	45.0	37.2	31.8	27.8	24.7	20.2	10.9
SBS112F*	320	221	172	142	86.4	62.8	49.6	41.0	35.0	30.5	27.2	22.2	11.7
SBS145*	436	293	224	182	107	78.6	61.8	52.4	43.1	37.6	34.9	28.4	15.0
SBS170F	508.5	355.5	278.5	229.2	137.1	98.6	77.0	63.3	54.0	47.1	41.8	34.2	18.4
SBS190F	595.4	414.6	321.8	264.5	156.4	111.9	87.4	71.8	61.7	53.8	47.0	38.4	20.2

* Discharge rates pertain to both front and top terminal models.

Temperature Correction

The following table shows the effect of battery temperature on the discharge performance at different discharge rates. Performance is given as a factor of the performance at 77°F / 25°C

Rate	Temperature °F/°C								
	32 / 0	41 / 5	50 / 10	59 / 15	68 / 20	77 / 25	86 / 30	95 / 35	104 / 40
5 Min	0.636	0.705	0.777	0.850	0.924	1.000	1.076	1.153	1.230
10 Min	0.681	0.746	0.811	0.875	0.938	1.000	1.060	1.117	1.172
15 Min	0.706	0.768	0.829	0.889	0.946	1.000	1.051	1.099	1.144
20 Min	0.723	0.783	0.842	0.898	0.951	1.000	1.046	1.088	1.126
25 Min	0.736	0.794	0.851	0.904	0.954	1.000	1.042	1.080	1.113
30 Min	0.746	0.803	0.858	0.909	0.957	1.000	1.039	1.074	1.104
35 Min	0.754	0.810	0.864	0.913	0.959	1.000	1.037	1.069	1.096
40 Min	0.761	0.816	0.869	0.917	0.949	1.000	1.035	1.065	1.090
45 Min	0.767	0.822	0.873	0.920	0.962	1.000	1.033	1.061	1.085
1 Hr	0.781	0.834	0.882	0.927	0.966	1.000	1.029	1.054	1.073
2 Hrs	0.812	0.859	0.903	0.940	0.973	1.000	1.022	1.039	1.051
3 Hrs	0.827	0.875	0.912	0.947	0.976	1.000	1.019	1.032	1.041
4 Hrs	0.837	0.880	0.918	0.951	0.978	1.000	1.017	1.029	1.036
5 Hrs	0.843	0.885	0.922	0.953	0.979	1.000	1.016	1.027	1.034
8 Hrs	0.855	0.894	0.928	0.957	0.981	1.000	1.014	1.024	1.030
10 Hrs	0.859	0.897	0.930	0.958	0.982	1.000	1.014	1.024	1.030



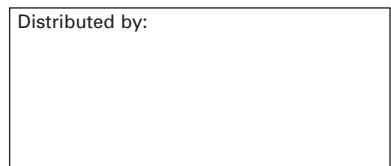
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