

**Southern
Batteries**



Hi-Power

E N E R G I S E D



SOLAR BATTERIES



**>Xtra power
>Xtra life**

Technical specifications*

TYPE	Rated C10 Capacity (AH)	Normal Voltage (V)	Dimension (±3mm)			Weight (Kg ± 5%)		Acid Vol (Approx. Ltrs.) ±5%	Constant Current Charge Rate (AMPS)		Trickle Charge (Current in mA)	
			Length	Width	Height	Dry	Wet		Start	Finish	Min.	Max.
SB 150 ST	150	2	142	172	378	13.0	17.3	3.5	18	9	150	600
SB 200 ST	200	2	187	187	440	18.0	26.5	7.0	24	12	200	800
SB 300 ST	300	2	315	185	460	24.5	39.0	11.7	36	18	300	1200
SB 400 ST	400	2	315	185	460	28.5	43.0	11.8	48	24	400	1600
SB 500 ST	500	2	315	185	460	35.5	49.5	11.6	60	30	500	2000
SB 600 ST	600	2	375	188	500	44.3	62.0	14.5	72	36	600	2400
SB 800 ST	800	2	398	190	500	52.5	70.2	14.5	96	48	800	3200
SB 1000 ST	1000	2	445	260	600	83.5	123.0	32.5	120	60	1000	4000
SB 1200 ST	1200	2	445	260	600	90.0	127.0	30.0	144	72	1200	4800
SB 1500 ST	1500	2	445	260	600	107.0	141.0	128.0	180	90	1500	6000
6 SB 20 PPT	20	12	260	173	235	9.0	15.0	5.0	2.4	1.2	20	80
6 SB 40 PPT	40	12	410	174	245	14.0	25.0	8.2	4.8	2.4	40	160
6 SB 60 PPT	66	12	410	174	245	19.5	30.5	7.7	7.92	3.96	66	264
6 SB 75 PPT	75	12	510	181	250	23.0	36.0	11.0	9.0	4.5	75	300
6 SB 100 PPT	100	12	513	212	248	28.0	44.0	13.0	12.0	6.0	100	400
6 SB 120 PPT	120	12	518	275	250	35.3	55.0	14.9	14.4	7.2	120	480
6 SB 80 XLTT	75	12	452	180	380	23.0	42.0	15.6	9.0	4.5	75	300
6 SB 120 XLTT	120	12	452	180	380	35.0	48.9	14.6	14.4	7.2	120	480
6 SB 150 XLTT	150	12	503	190	415	41.6	63.5	19.0	18.0	9.0	150	600
6 SB 180 XLTT	180	12	503	190	415	51.0	74.0	18.2	21.6	10.8	180	720

Note: * Specifications are subject to change without prior notice.

Applications

- Solar street lighting
- Domestic Home Lighting
- Windmill Power Generating Systems
- Power Plants

Product Features

Hi-Power Solar Photovoltaic Application Cells are assembled in PPCP / hard rubber containers with plate holding cradles and assembled with tubular positives and lattice grid pasted negatives made with special lead alloy for minimized gas generation during service. The cells are provided with micro porous ceramic vent plugs which allow the liberated gases to escape allowing the water droplets to trap within cells this reduces the topping up frequency. The level indicators provided on cells indicate the requirement of topping up during service. The frequency of topping up is once every year. This is elevated further with proper system charge controller voltage settings.

Southern Batteries Pvt. Ltd. Branches & Service Centres

*MNR APPROVED

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