

**SP SERIES/ MS-SB3000-2 2V 3000Ah**

**Applications**

- ⌘ Solar system and Wind system
- ⌘ Solar street light and solar garden light
- ⌘ Emergency lighting equipment
- ⌘ Fire alarm and security systems
- ⌘ Telecommunication equipment
- ⌘ Electric equipment and telemeter equipment



Battery Model	MS-SB3000 / 2V3000Ah			
Capacity (25°C)	120Hr(30.0A,1.85V)	20Hr (153.0A,1.80V)		10Hr(300A,1.80V)
	3600Ah	3060Ah		3000Ah
Dimensions	Length	Width	Height	Total Height
	696±3mm	340±3mm	330±3mm	340±3mm
Approx Weight	172±3%KG			
Self Discharge	≤2% per month (25°C)			
Charge Voltage 25°C	Cycle Use			Float Use
	2.36V( - 3.5mV/°C),max charge 450A			2.25V( - 3.5mV/°C)

**General Features**

- ⌘ Wide operating temperature range from - 25°C to 45°C
- ⌘ Sealed and maintenance free operation
- ⌘ Low self - discharge rate and long shelf life (9 months at 25°C)
- ⌘ ABS containers and covers
- ⌘ No memory effect, thick flat plate with high Tin low Calcium alloy
- ⌘ Absorptive Glass Mat Technology (AGM System)
- ⌘ Safety valve installation for explosion proof
- ⌘ Long Service Life, Float or Cyclic



UPS SYSTEM



SOLAR SYSTEM



EMERGENCY LIGHTING



SECURITY SYSTEM

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**Discharge Parameter**

Constant Current Discharge Data (25°C, A)																	
End Voltage (V/cell)	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h	24h	48h	96h	120h	240h
1.75	1650	1035	760	615	515	451	402	363	332	302	254	155	133	71.0	37.0	30.8	15.7
1.80	1580	1000	750	605	510	446	397	360	329	300	250	153	131	70.0	36.8	30.4	15.6
1.85	1460	945	710	570	495	433	386	351	322	296	247	151	130	69.0	36.6	30.0	15.5
1.90	1360	880	670	545	475	418	374	341	316	291	243	149	128	68.0	36.5	29.6	15.4
1.95	1225	820	630	525	456	403	364	333	310	286	240	147	127	67.5	36.3	29.2	15.3

Constant Power Discharge Data (25°C, W/cell)																	
End Voltage (V/cell)	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h	24h	48h	96h	120h	240h
1.75	2735	1803	1364	1099	941	831	756	686	624	571	486	308	265	139	71.7	59.3	31.1
1.80	2612	1754	1336	1079	925	818	743	677	616	565	483	305	263	138	71.4	58.9	31.0
1.85	2504	1697	1302	1057	905	805	730	668	604	553	477	303	261	138	71.0	58.7	30.8
1.90	2395	1647	1265	1033	885	789	717	657	593	540	472	300	259	137	70.8	58.4	30.7
1.95	2263	1584	1230	1009	862	773	704	641	581	531	464	298	258	137	70.5	58.1	30.6

**Performance Curve**

