

Solar 2V Battery

Sohigh BAT 2V

Sohigh Solar
High Technology. High Quality



Product Features

- Solve electrolyte stratification, sulfuric acid evenly distributed
- The silica gel electrolyte lead-acid batteries can be so deep discharge, thus greatly extending the cycle life of the battery
- The battery float current is small (about 1/3 AGM battery), the floating charge lower energy consumption, less warming, reduce battery thermal runaway risk
- Low self-discharge rate of the battery
- By high partition, adsorption and strong
- Comply with environmental requirements, ease of use
- Longer Service Life
- Low Internal Resistance
- Longest Available Standby Life
- High Energy Density
- Lower Self Discharge
- Good deep discharge cycle capability
- Excellent Recovery from Deep

NOTICE: Manual measurement, product specifications and dimensions may have errors, subject to actual receipt.

Lead-calcium Multi-element Alloy Plate

High Current Discharge Performance

Make the structure cluster effect of active substance better



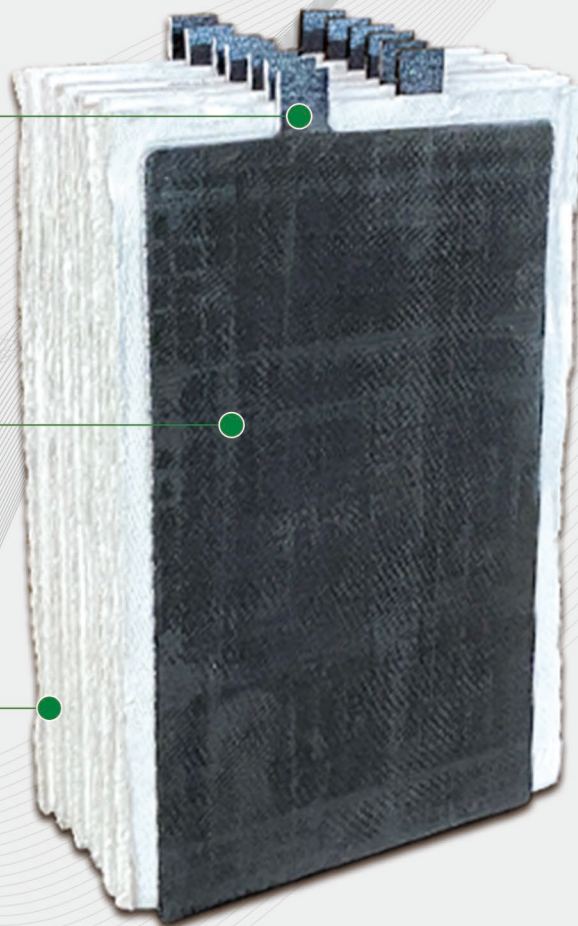
Using Medium And High Temperature Curing Process

The utilization rate of active substance and high current discharge.



Cycles Test

Strict process control and high quality raw material selection ensure stable product performance.



Low Self Discharge



Maintenance-Free Absorbent Glass Mat Technology



Environment Friendliness



Excellent Discharge Performance



Long Designed Service Life, Deep Cycles



Wide Suitability Of Ambient Temperature Range

Sohigh BAT-300AH-2V

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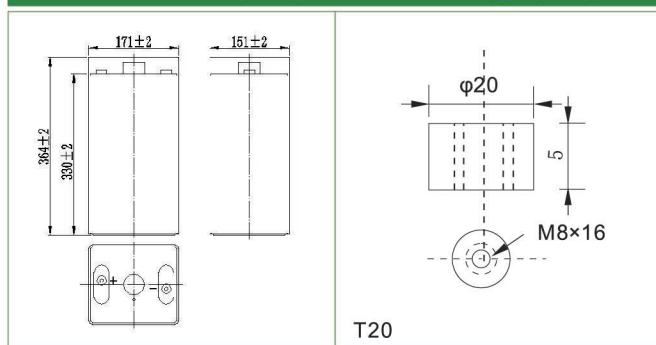


Characteristics

Capacity (25°C)	10HR(1.8V)	300Ah
	3HR(1.80V)	225Ah
	1HR(1.75V)	165Ah
Terminal type	T20	
Internal resistance (Fully charged, 25°C)	Approx. 0.7mΩ	
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature	25°C ± 3°C (77°F ± 5°F)	
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)	2.25 to 2.30V Temperature compensation: -3mV/°C	
Cyclic charging voltage(25°C)	2.40 to 2.50V Temperature compensation: -5mV/°C	
Maximum charging current	60A	
Maximum discharge current	2100A(5 sec.)	
Designed floating life(20°C)	15 years	

Outer Dimensions (mm)

Terminal Type (mm)



Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		300Ah
Dimensions	Length	171±5mm(6.73inch)
	Width	151±5mm(5.94inch)
	Height	330±5mm(12.99inch)
	Total Height	364±5mm(14.33inch)

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

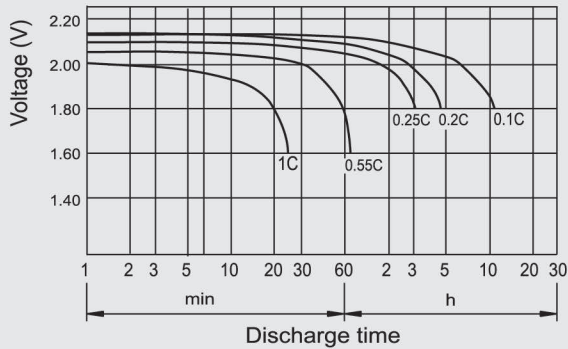
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	417	273	189	111	79.6	63.6	54.8	47.1	37.2	30.7	16.2
1.65V	407	268	183	110	79.1	63.3	54.5	46.8	37.0	30.6	16.2
1.70V	392	259	178	109	78.5	62.8	54.1	46.5	36.7	30.5	16.1
1.75V	379	253	172	107	78.0	62.4	53.7	46.2	36.5	30.4	16.0
1.80V	359	244	166	105	75.7	60.5	52.1	44.8	35.4	30.2	15.9

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

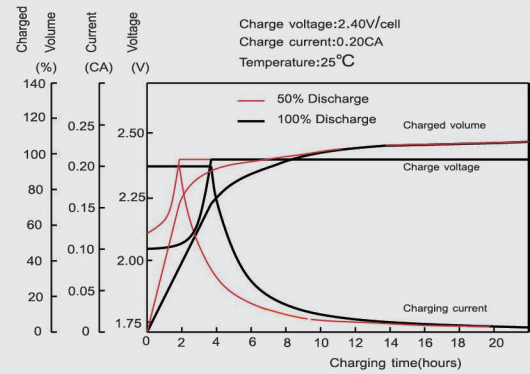
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	763	511	359	213	156	125	108	92.8	74.0	61.1	32.4
1.65V	745	500	348	212	155	124	107	92.3	73.6	61.0	32.3
1.70V	717	485	338	210	154	123	107	91.7	73.0	60.8	32.2
1.75V	693	473	327	207	153	122	106	91.0	72.5	60.4	32.0
1.80V	656	456	316	202	148	119	103	88.3	70.4	60.0	31.8

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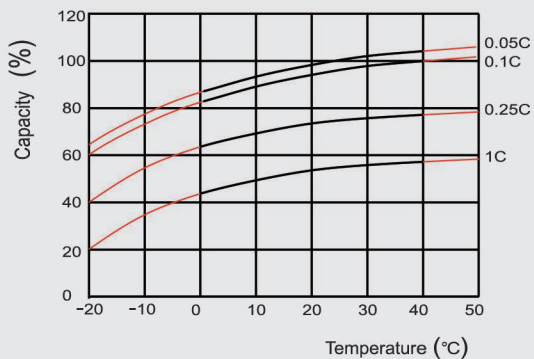
Discharge characteristics(25°C)



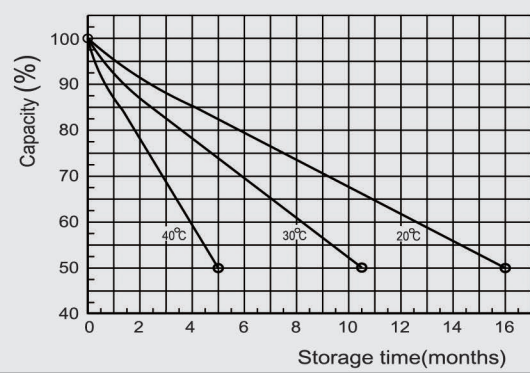
Charging characteristics



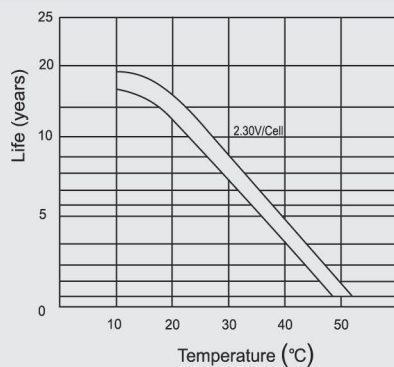
Effect of Temperature on Capacity



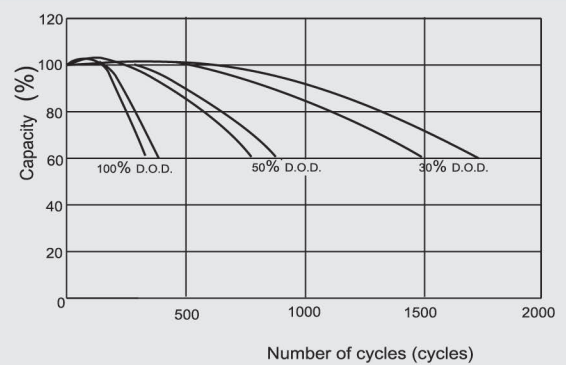
Self-discharge characteristics



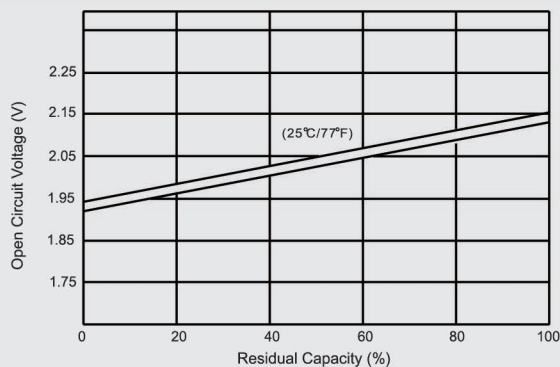
Temperature effects on float life



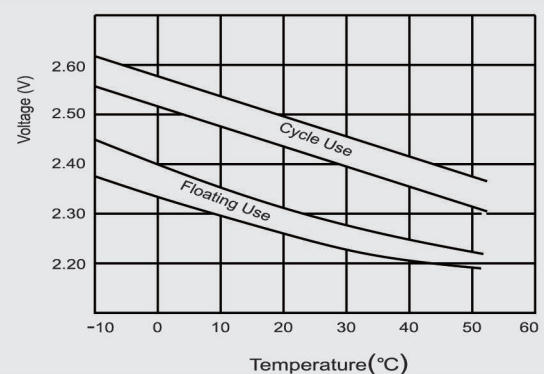
Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature



Sohigh BAT-500AH-2V

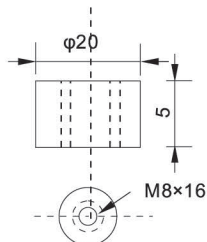
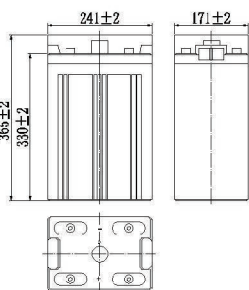
Solar 2V Battery

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Outer Dimensions (mm)

Terminal Type (mm)



T20

Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		500Ah
Dimensions	Length	241±5mm(9.49inch)
	Width	171±5mm(6.73inch)
	Height	330±5mm(12.99inch)
	Total Height	365±5mm(14.37inch)

Characteristics

Capacity (25°C)	10HR(1.8V)	500Ah
	3HR(1.80V)	375Ah
	1HR(1.75V)	275Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.55mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		100A
Maximum discharge current		3000A(5 sec.)
Designed floating life(20°C)		18 years

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Gel	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

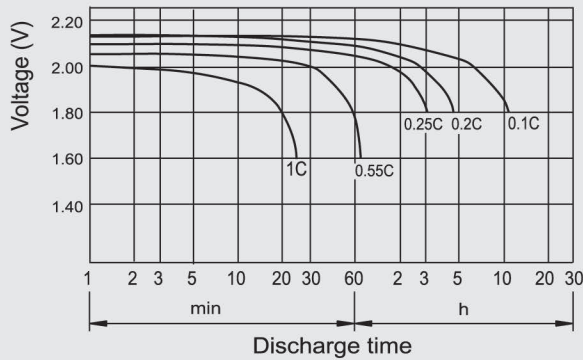
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	625	435	300	180	131	103	85.7	75.5	60.2	50.9	26.7
1.65V	610	426	294	179	130	102	85.2	75.0	59.8	50.8	26.7
1.70V	588	413	285	178	129	102	84.6	74.5	59.4	50.7	26.6
1.75V	568	403	279	175	128	101	84.0	74.0	59.0	50.4	26.4
1.80V	538	388	270	170	125	98.0	81.5	71.8	57.2	50.0	26.3

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

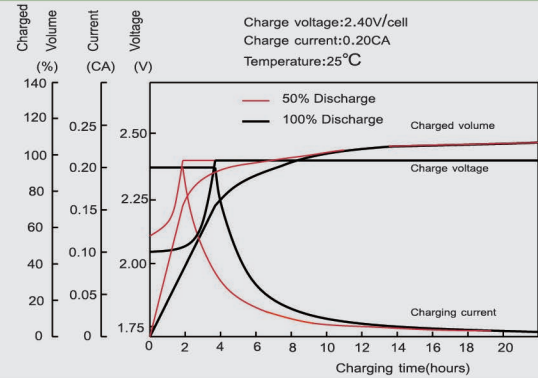
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1144	813	570	348	256	202	169	149	120	101	53.4
1.65V	1116	797	559	346	254	201	168	148	119	101	53.3
1.70V	1075	773	542	343	253	199	167	147	118	101	53.2
1.75V	1039	754	530	337	251	198	165	146	117	100	52.9
1.80V	984	726	513	329	246	192	161	141	114	99.5	52.5

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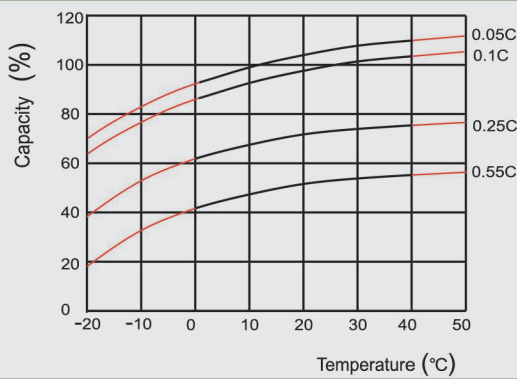
Discharge characteristics(25°C)



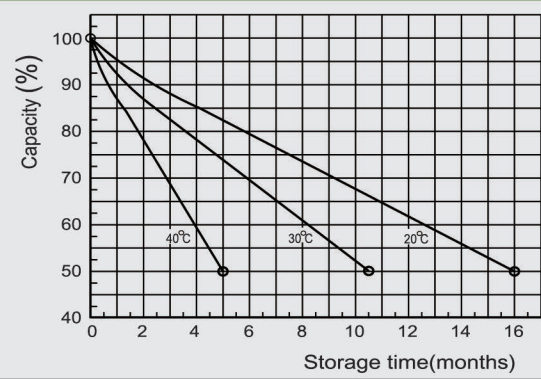
Charging characteristics



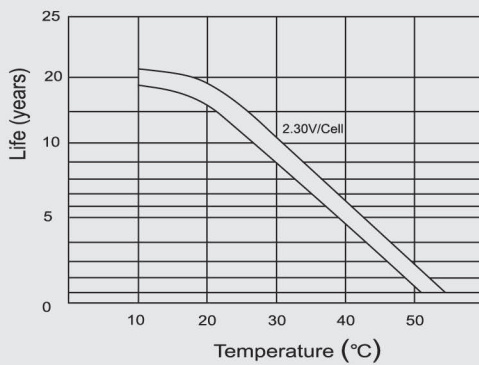
Effect of Temperature on Capacity



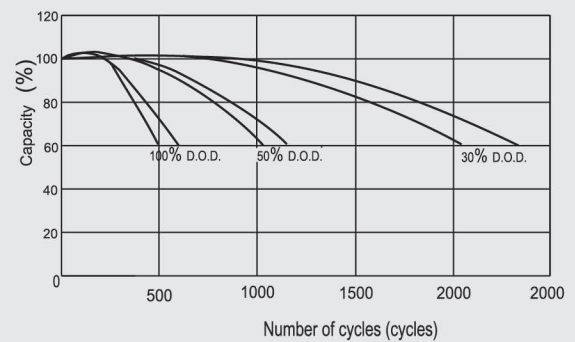
Self-discharge characteristics



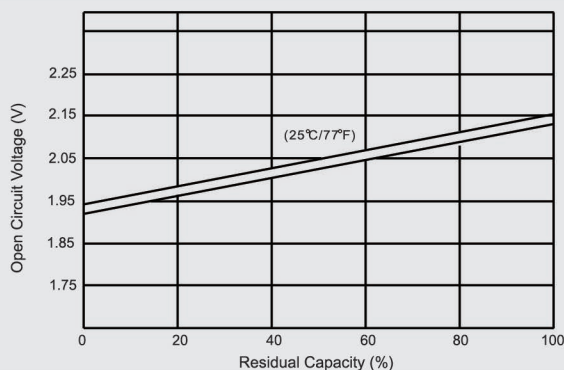
Temperature effects on float life



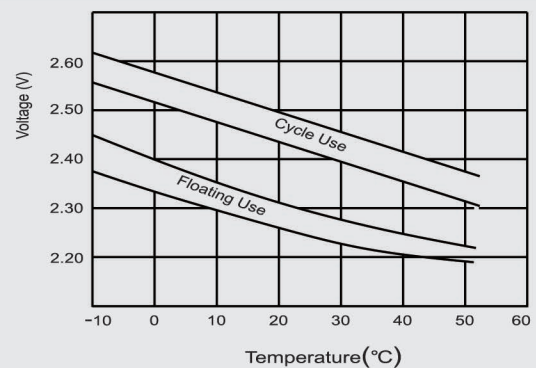
Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature

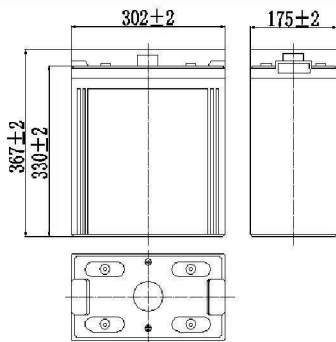


Sohigh BAT-600AH-2V

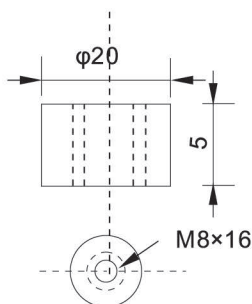
Solar 2V Battery

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Outer Dimensions (mm)



Terminal Type (mm)



T20

Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		600Ah
Dimensions	Length	302±5mm(11.89inch)
	Width	175±5mm(6.89inch)
	Height	330±5mm(12.99inch)
	Total Height	367±5mm(14.45inch)

Characteristics

Capacity (25°C)	10HR(1.8V)	600Ah
	3HR(1.80V)	450Ah
	1HR(1.75V)	330Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.5mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		120A
Maximum discharge current		3600A(5 sec.)
Designed floating life(20°C)		15 years

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Gel	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

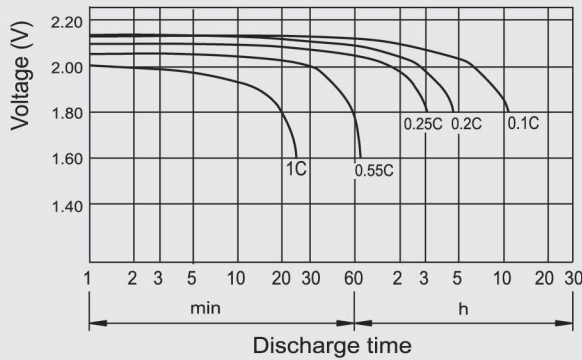
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	750	522	360	216	157	124	103	90.6	72.2	61.1	32.1
1.65V	732	512	353	215	156	123	102	90.0	71.8	61.0	32.0
1.70V	705	496	342	213	155	122	102	89.4	71.3	60.8	31.9
1.75V	681	484	335	210	154	121	101	88.8	70.8	60.4	31.7
1.80V	645	466	324	204	151	118	97.8	86.1	68.7	60.0	31.5

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

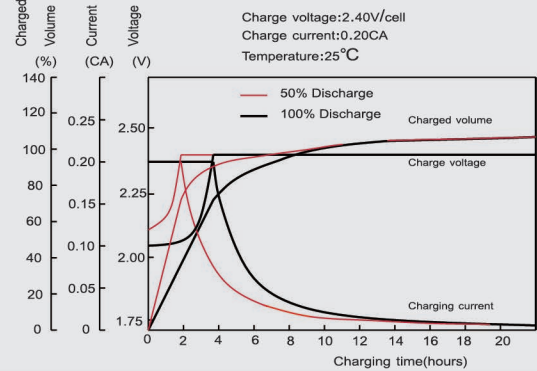
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1373	976	684	417	307	242	203	178	144	122	64.1
1.65V	1340	957	670	415	305	241	201	177	143	121	64.0
1.70V	1290	927	650	411	303	239	200	176	142	121	63.8
1.75V	1246	905	636	405	301	238	199	175	141	120	63.4
1.80V	1180	872	616	395	295	230	193	170	137	119	63.0

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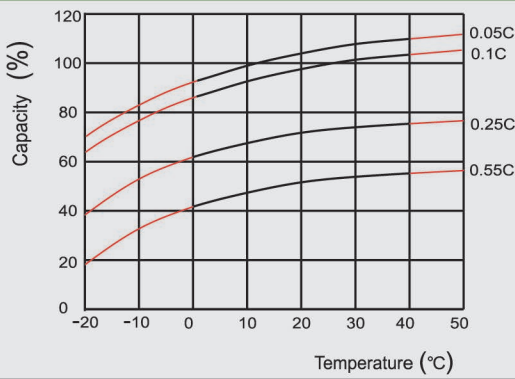
Discharge characteristics(25°C)



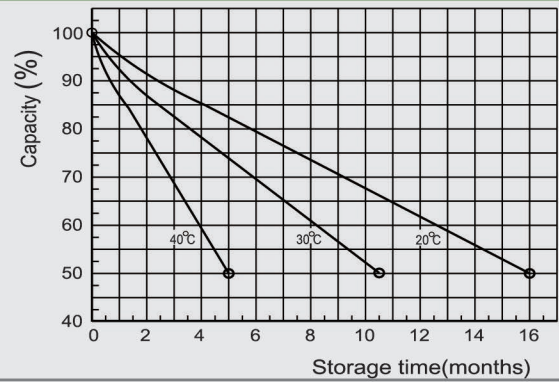
Charging characteristics



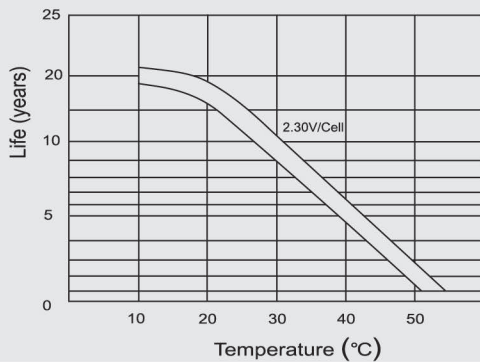
Effect of Temperature on Capacity



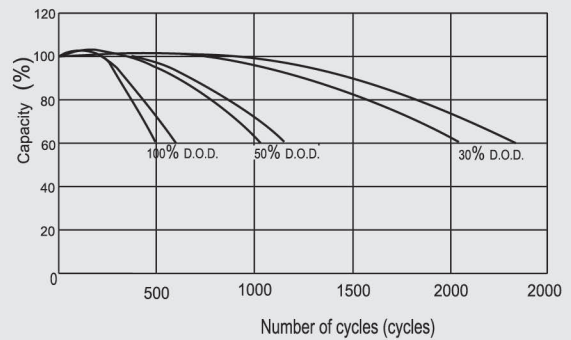
Self-discharge characteristics



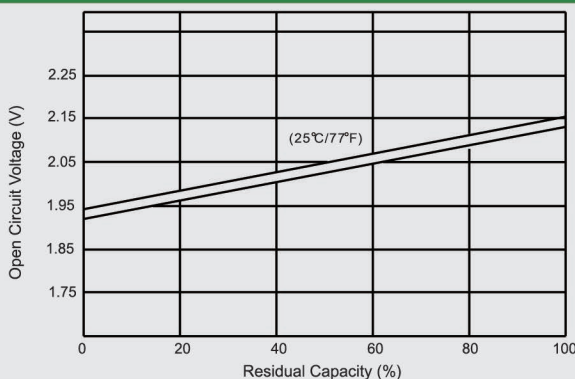
Temperature effects on float life



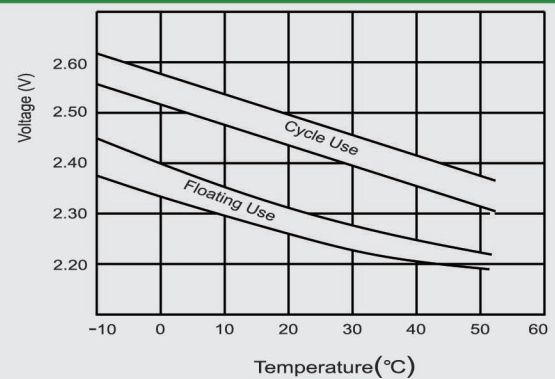
Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature



Sohigh BAT-800AH-2V

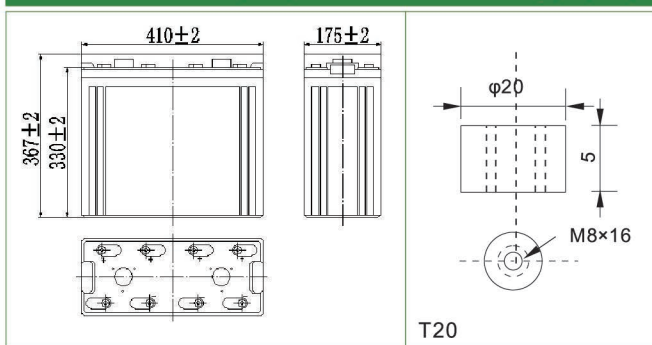
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Outer Dimensions (mm)

Terminal Type (mm)



Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		800Ah
Dimensions	Length	410±5mm(16.14inch)
	Width	175±5mm(6.89inch)
	Height	330±5mm(12.99inch)
	Total Height	367±5mm(14.45inch)

Characteristics

Capacity (25°C)	10HR(1.8V)	800Ah
	3HR(1.80V)	600Ah
	1HR(1.75V)	440Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.4mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		160A
Maximum discharge current		4400A(5 sec.)
Designed floating life(20°C)		18 years

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Gel	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

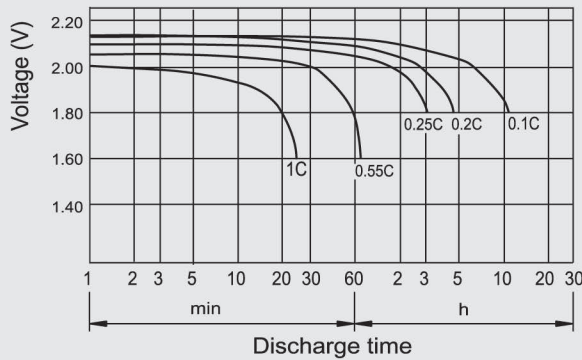
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1000	696	480	288	209	165	137	121	96.3	81.4	42.8
1.65V	976	682	470	287	208	164	136	120	95.7	81.3	42.7
1.70V	940	661	456	284	206	163	135	119	95.1	81.0	42.5
1.75V	908	645	446	280	205	162	134	118	94.4	80.6	42.3
1.80V	860	622	432	273	201	157	130	115	91.6	80.0	42.0

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

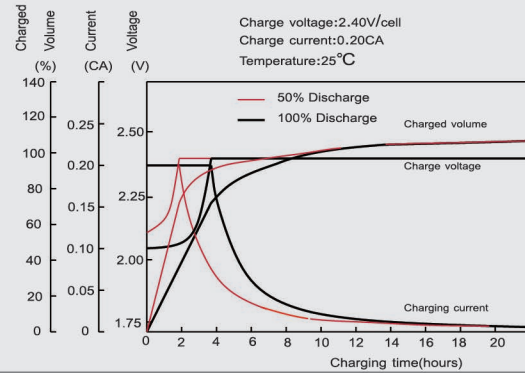
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1830	1302	912	556	409	323	270	238	192	162	85.5
1.65V	1786	1275	894	553	407	321	268	237	190	162	85.3
1.70V	1720	1236	866	548	404	319	267	235	189	161	85.1
1.75V	1662	1207	848	540	401	317	265	233	188	160	84.6
1.80V	1574	1162	821	526	393	307	257	226	182	159	84.0

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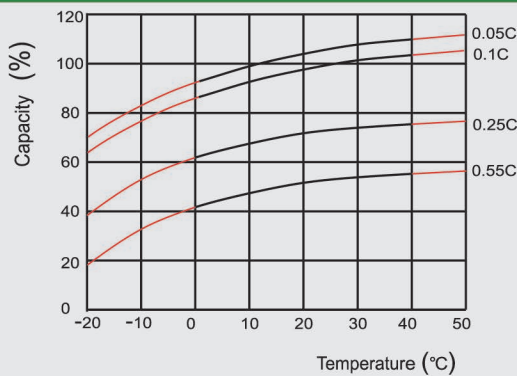
Discharge characteristics(25°C)



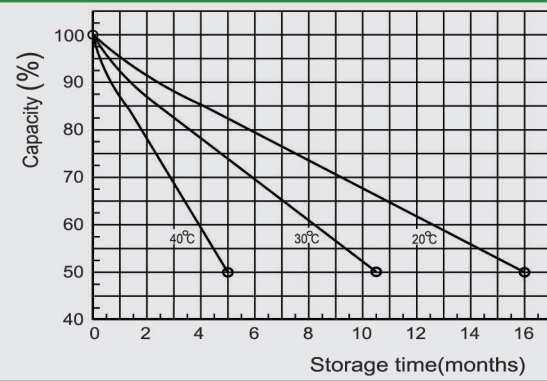
Charging characteristics



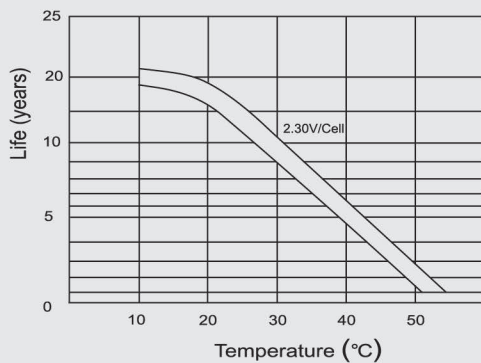
Effect of Temperature on Capacity



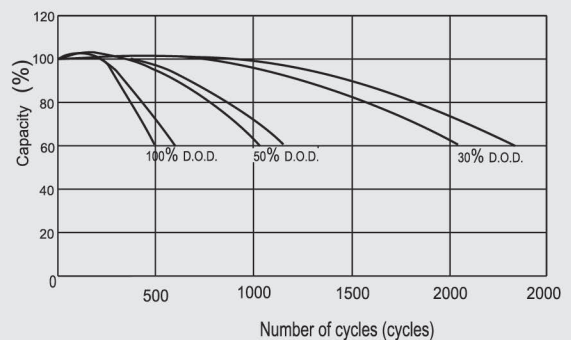
Self-discharge characteristics



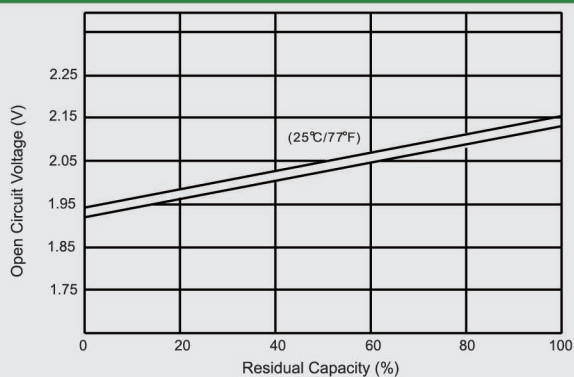
Temperature effects on float life



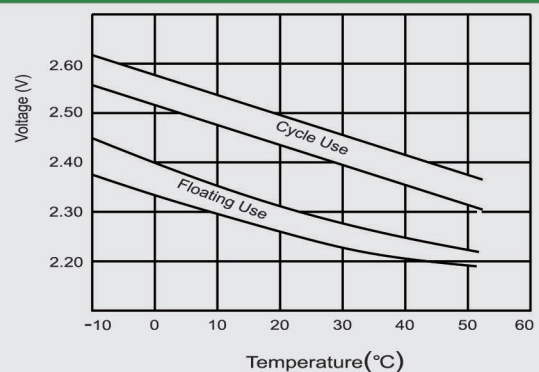
Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature



Sohigh BAT-1000AH-2V

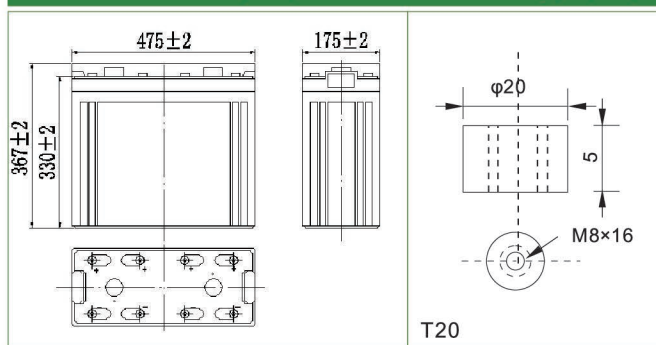
Solar 2V Battery

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High Technology, High Quality



Outer Dimensions (mm)

Terminal Type (mm)



Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		1000Ah
Dimensions	Length	475±5mm(18.70inch)
	Width	175±5mm(6.89inch)
	Height	330±5mm(12.99inch)
	Total Height	367±5mm(14.45inch)

Characteristics

Capacity (25°C)	10HR(1.8V)	1000Ah
	3HR(1.80V)	750Ah
	1HR(1.75V)	550Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.3mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		200A
Maximum discharge current		5500A(5 sec.)
Designed floating life(20°C)		18 years

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Gel	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

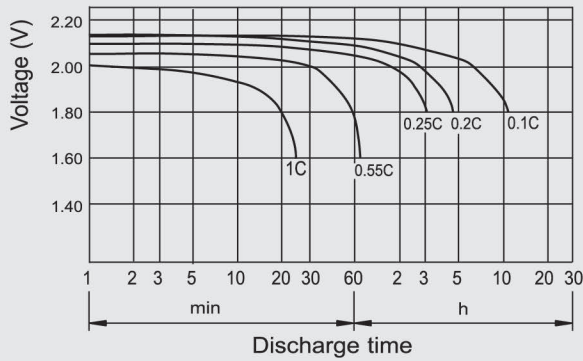
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1250	870	600	360	261	206	171	151	120	102	53.4
1.65V	1220	853	588	358	260	205	170	150	120	102	53.3
1.70V	1175	827	570	355	258	203	169	149	119	101	53.2
1.75V	1135	806	558	350	256	202	168	148	118	101	52.9
1.80V	1075	777	540	341	251	196	163	144	114	100	52.5

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

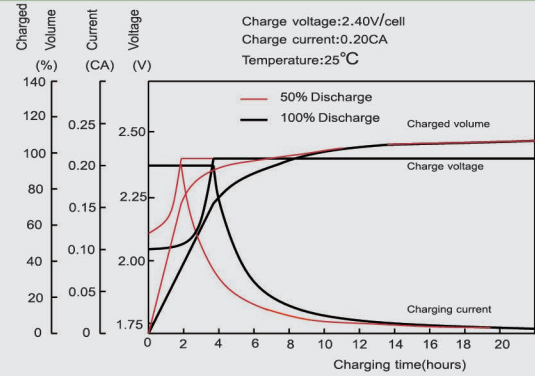
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	2288	1627	1140	695	512	404	338	297	240	203	107
1.65V	2233	1594	1117	691	509	401	336	296	238	202	107
1.70V	2150	1546	1083	685	505	399	333	294	236	202	106
1.75V	2077	1508	1060	675	502	396	331	292	235	200	106
1.80V	1967	1453	1026	658	492	384	321	283	228	199	105

NOTICE: Manual measurement, product specifications and dimensions may have errors, subject to actual receipt.

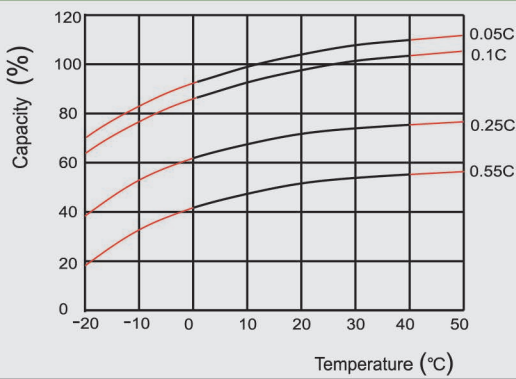
Discharge characteristics(25°C)



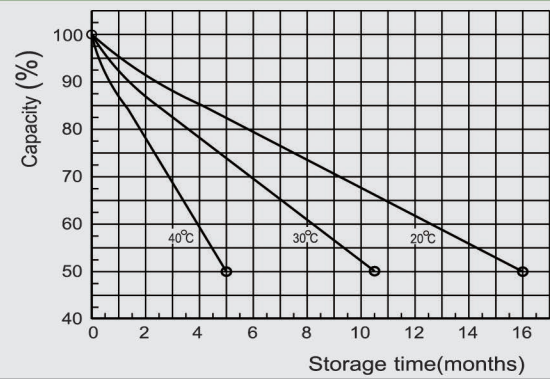
Charging characteristics



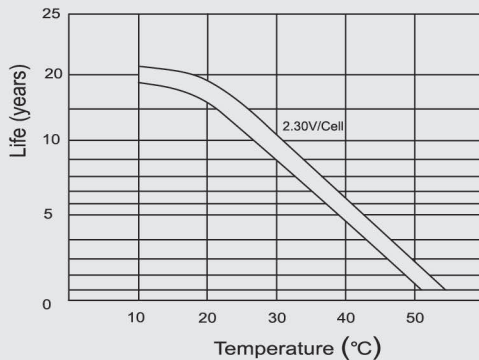
Effect of Temperature on Capacity



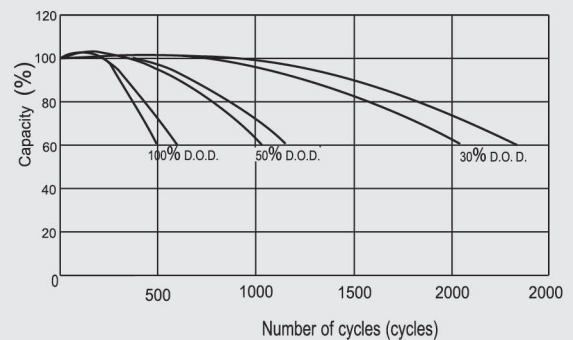
Self-discharge characteristics



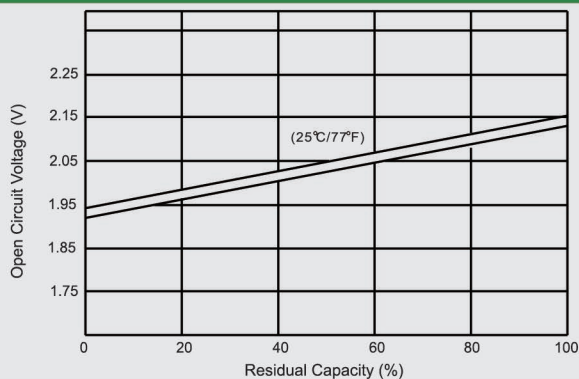
Temperature effects on float life



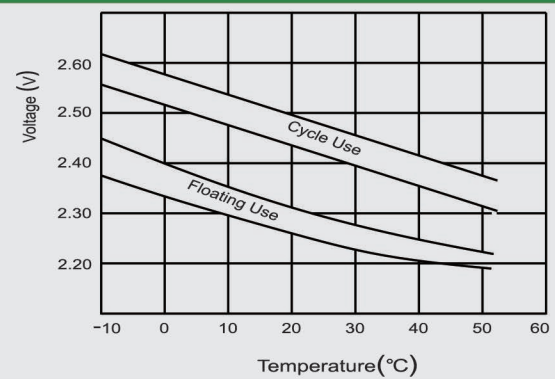
Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature

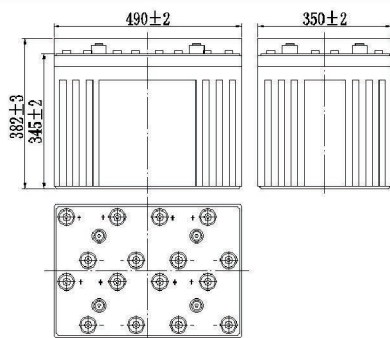


Sohigh BAT-2000AH-2V

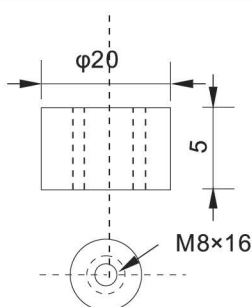
Solar 2V Battery

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Outer Dimensions (mm)



Terminal Type (mm)



T20

Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		2000Ah
Dimensions	Length	490±5mm(19.29inch)
	Width	350±5mm(13.78inch)
	Height	345±5mm(13.58inch)
	Total Height	382±5mm(15.04inch)

Characteristics

Capacity (25°C)	10HR(1.8V)	2000Ah
	3HR(1.80V)	1500Ah
	1HR(1.75V)	1160Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.2m Ω
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		400A
Maximum discharge current		10000A(5 sec.)
Designed floating life(20°C)		18 years

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

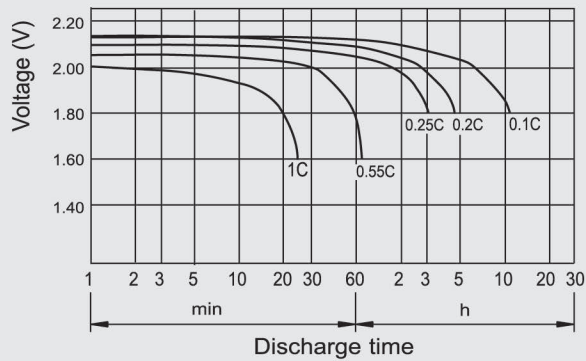
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1740	1200	721	522	412	343	302	241	204	107	91.8
1.65V	1705	1176	716	519	410	341	300	239	203	107	91.6
1.70V	1653	1140	710	516	407	338	298	238	203	106	91.4
1.75V	1613	1116	699	512	404	336	296	236	201	106	90.8
1.80V	1554	1080	682	502	392	326	287	229	200	105	90.2

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

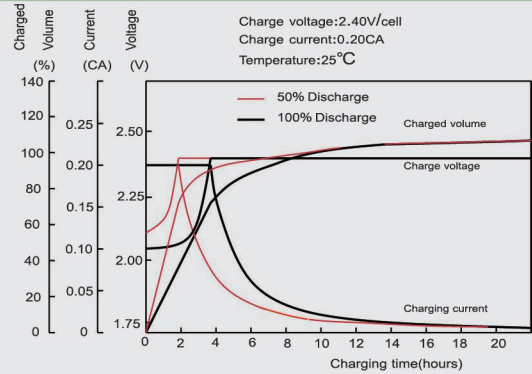
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	3254	2280	1391	1024	808	675	595	479	405	214	185
1.65V	3189	2234	1383	1018	803	671	591	476	404	213	184
1.70V	3091	2166	1370	1011	797	667	587	473	403	213	184
1.75V	3016	2120	1350	1004	792	662	583	470	401	211	183
1.80V	2906	2052	1315	983	768	642	566	456	398	210	181

NOTICE: Manual measurement, product specifications and dimensions may have errors, subject to actual receipt.

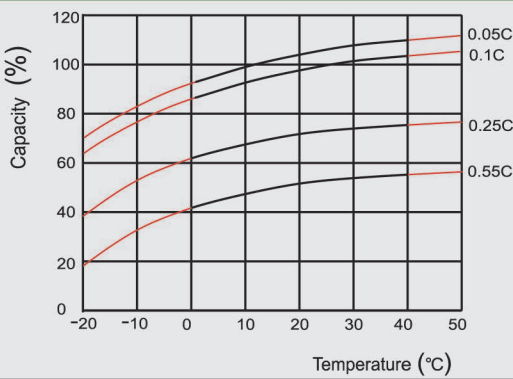
Discharge characteristics(25°C)



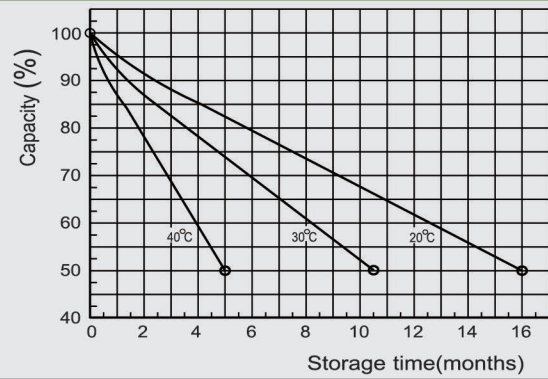
Charging characteristics



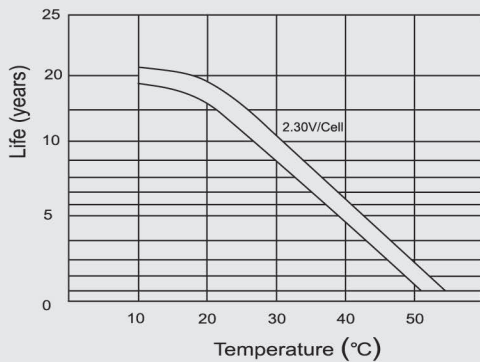
Effect of Temperature on Capacity



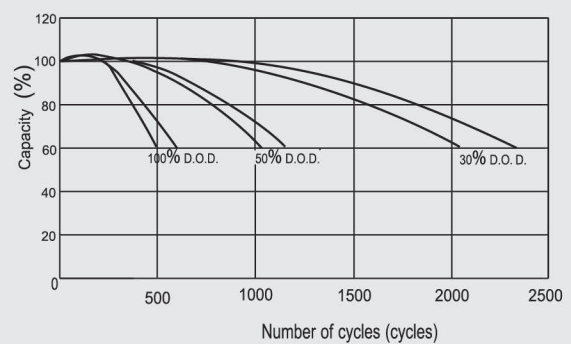
Self-discharge characteristics



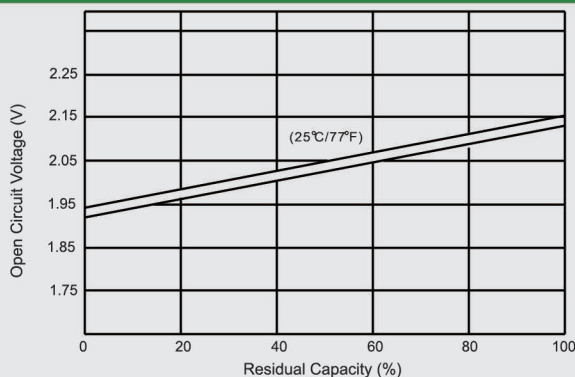
Temperature effects on float life



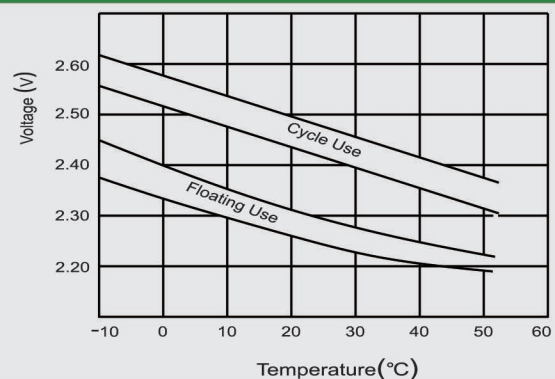
Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature

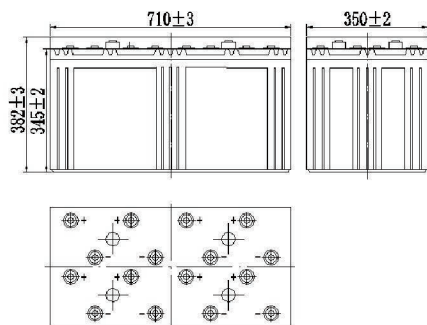


Sohigh BAT-3000AH-2V

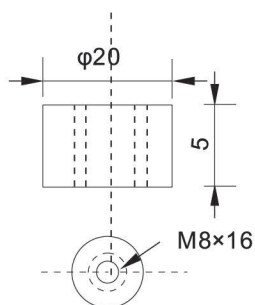
Solar 2V Battery

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Outer Dimensions (mm)



Terminal Type (mm)



T20

Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		3000Ah
Dimensions	Length	710±5mm(27.95inch)
	Width	350±5mm(13.78inch)
	Height	345±5mm(13.58inch)
	Total Height	382±5mm(15.04inch)

Characteristics

Capacity (25°C)	10HR(1.8V)	3000Ah
	3HR(1.80V)	2250Ah
	1HR(1.75V)	1650Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.13m Ω
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C $\pm$ 3°C (77°F $\pm$ 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		600A
Maximum discharge current		15000A(5 sec.)
Designed floating life(20°C)		18 years

Construction

Component	Positive plate	Negative plate	Containert	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Gel	Rubber	Copper

Constant Current Discharge Characteristics Unit: A(25°C, 77°F)

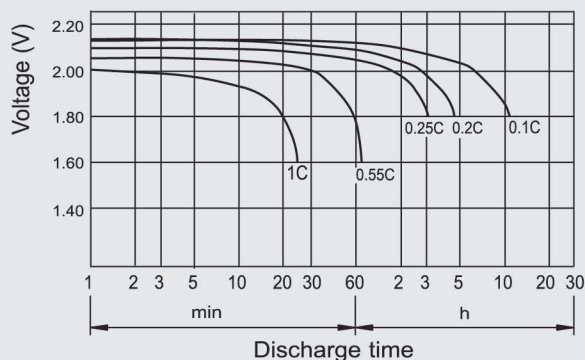
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	2610	1800	1081	783	618	514	453	361	305	160	138
1.65V	2558	1764	1075	779	614	511	453	359	305	160	137
1.70V	2480	1710	1065	773	610	508	447	356	304	160	137
1.75V	2419	1674	1049	768	606	504	444	354	302	159	136
1.80V	2331	1620	1022	753	588	489	431	343	300	158	135

Constant Power Discharge Characteristics Unit: W(25°C, 77°F)

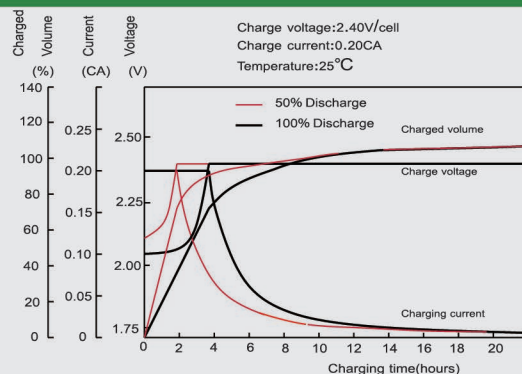
F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	4881	3420	2086	1535	1212	1013	892	719	608	321	277
1.65V	4783	3352	2074	1526	1204	1007	887	714	607	320	276
1.70V	4637	3249	2055	1516	1196	1000	881	709	605	319	275
1.75V	4524	3181	2025	1505	1188	993	875	704	601	317	274
1.80V	4358	3078	1973	1475	1152	963	848	683	597	315	272

NOTICE: Manual measurement, product specifications and dimensions may have errors, subject to actual receipt.

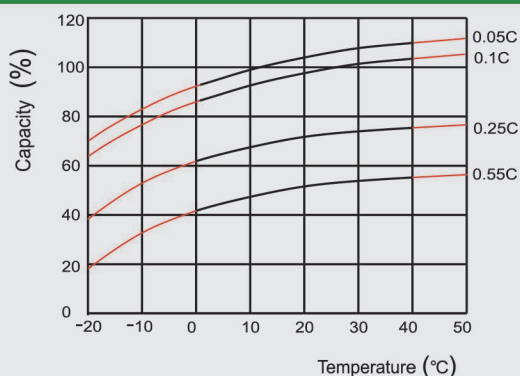
Discharge characteristics(25°C)



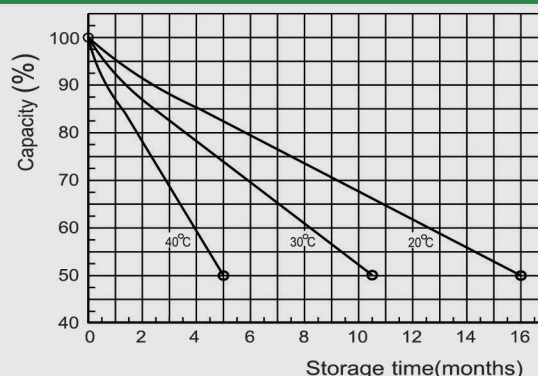
Charging characteristics



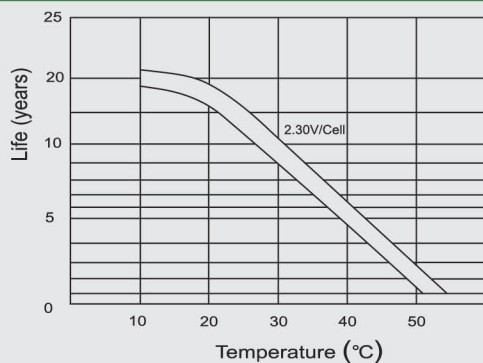
Effect of Temperature on Capacity



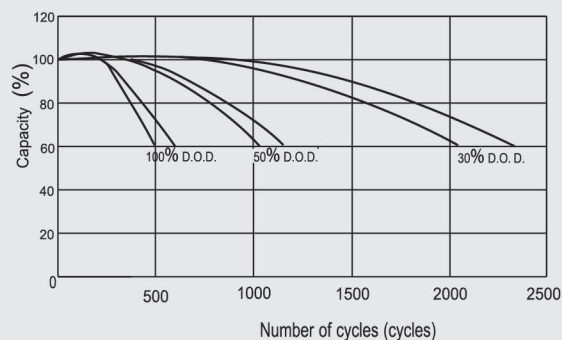
Self-discharge characteristics



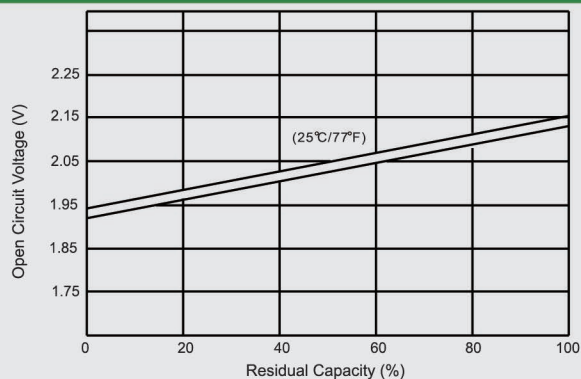
Temperature effects on float life



Cycle service life in relation to depth of discharge



The relationship for OCV and Capacity (25°C)



The relationship for Charging voltage and Temperature

