

SA12-26

12V 26AH

AGM Valve Regulated Lead Acid Battery

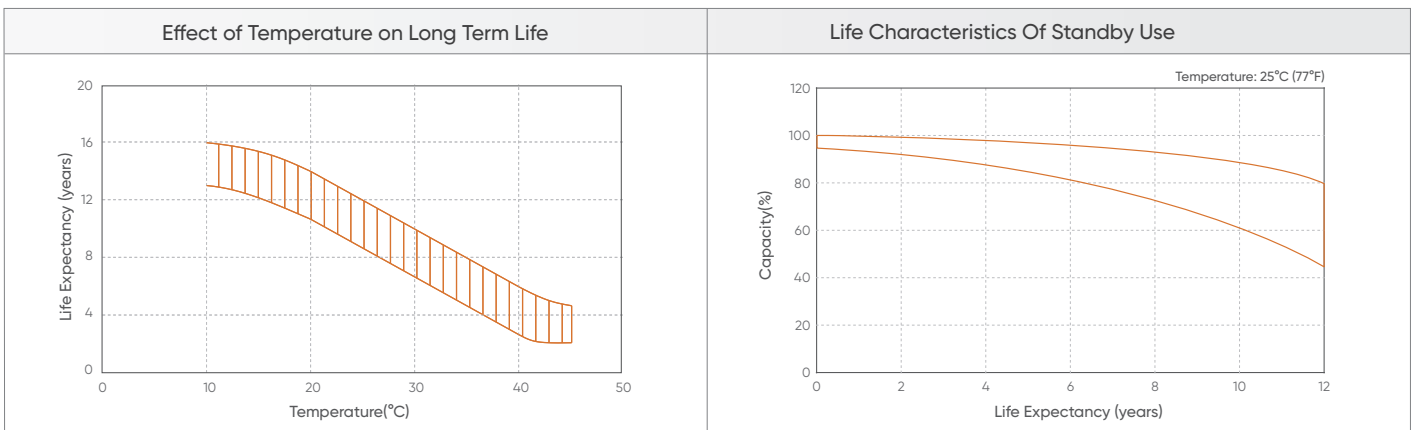
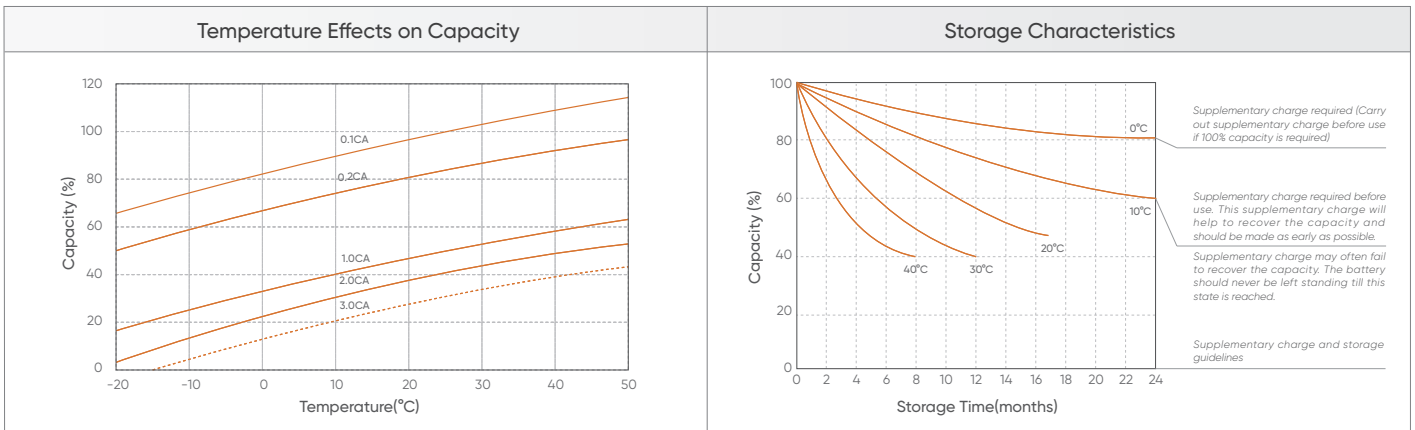
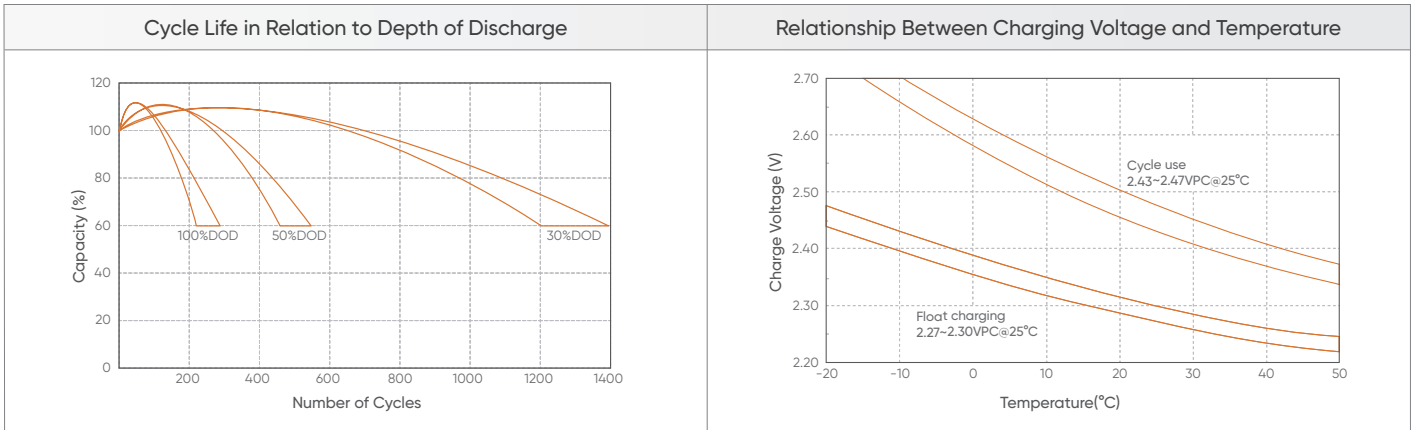
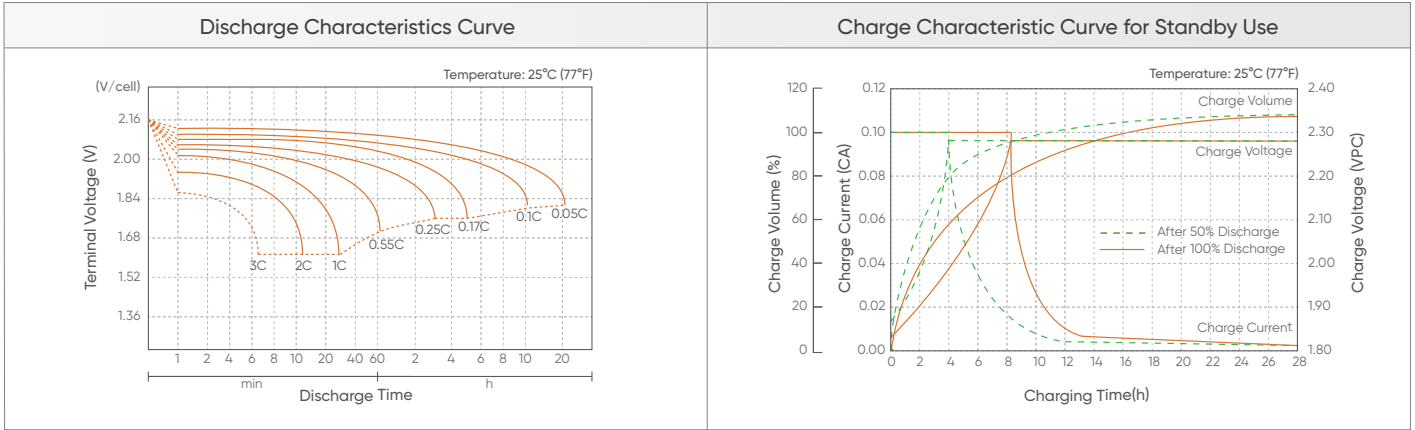
SA series is a general purpose battery with 8 years design life in float service. It meets with IEC, JIS, BS, GB/T and YD/T standards. With advanced AGM valve regulated technology and high purity raw material, the SA series battery maintains high consistency for better performance and reliable standby service life. It is suitable for UPS/EPs, telecom, power grid, medical equipment, emergency light and security system applications.



Specification		Dimensions
Cells Per Unit	6	<p>Length 166±1.5mm (6.54 inches)</p> <p>Width 176±1.5mm (6.93 inches)</p> <p>Height 125±1.5mm (4.92 inches)</p> <p>Total Height 125±1.5mm (4.92 inches)</p> <p>Terminal M5 Value 6-7 N*m</p> <p>Terminal M6 Value 8-10 N*m</p> <p>Terminal M8 Value 10-12 N*m</p>
Voltage Per Unit	12	
Capacity	26Ah@20hr-rate to 1.75V per cell @25°C	
Weight	Approx. 7.40Kg (Tolerance ±3.0%)	
Internal Resistance	Approx. 16mΩ	
Terminal	F3(M5) / F13-BP(M5)	
Max. Discharge Current	260A (5 sec)	
Short Circuit Current	900A	
Design Life	8 years (Float charging)	
Maximum Charging Current	7.8 A	
Reference Capacity	C3 20.1AH C5 22.7AH C10 24.3AH C20 26.0AH	
Standby Use Voltage	13.7V~13.9V @25°C Temperature Compensation: -3mV/°C/Cell	
Cycle Use Voltage	14.6V~14.8V @25°C Temperature Compensation: -4mV/°C/Cell	
Operating Temperature Range	Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C	
Normal Operating Temperature Range	25°C ± 5°C	
Self Discharge	SunArk Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C. Please charge batteries before using.	
Container Material	A.B.S. UL94-HB, UL94-V0 Optional	

Constant Current Discharge Characteristics: A (25°C)												
F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	93.72	66.23	47.88	27.50	15.09	9.753	7.332	5.920	4.905	3.157	2.564	1.354
1.65V	87.15	62.59	45.77	26.40	14.57	9.442	7.106	5.759	4.777	3.121	2.532	1.332
1.70V	78.63	57.62	42.87	25.23	14.10	9.131	6.913	5.603	4.653	3.073	2.494	1.316
1.75V	70.45	52.74	39.90	24.12	13.58	8.812	6.706	5.459	4.536	3.031	2.461	1.300
1.80V	61.86	47.74	36.84	23.05	13.06	8.497	6.499	5.302	4.419	2.979	2.430	1.287
1.85V	49.10	39.02	30.57	19.85	11.72	7.785	6.008	4.928	4.121	2.797	2.287	1.222

Constant Current Discharge Characteristics: A (25°C)												
F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	155.4	112.6	83.70	49.95	28.36	18.49	14.00	11.36	9.454	6.165	5.039	2.665
1.65V	146.1	108.4	81.21	48.45	27.54	17.98	13.63	11.10	9.243	6.108	4.985	2.627
1.70V	134.9	101.7	77.20	46.78	26.81	17.49	13.32	10.84	9.034	6.028	4.916	2.598
1.75V	123.5	94.73	72.88	45.17	25.99	16.95	12.97	10.60	8.837	5.956	4.858	2.570
1.80V	110.8	87.25	68.25	43.61	25.14	16.43	12.62	10.33	8.640	5.868	4.802	2.547
1.85V	89.76	72.57	57.44	37.93	22.69	15.13	11.72	9.640	8.084	5.522	4.527	2.422



(Note) All above information shall be changed without prior notice, SunArk reserves the right to explain and update the latest information.