

SLA0925

Technical Specifications

Nominal Voltage	6V	
Nominal Capacity	7Ah (20 Hr Rate to 1.75V/cell)	
Chemistry	Lead Acid -AGM	

Physical Specifications

Length	151mm	5.94in
Width	34mm	1.34in
Height	94mm	3.70in
Height w/Terminal	100mm	3.89in
Weight (+/- 5%)	1.06 Kg	2.34lbs
Terminal Type	F1	
Case Material	ABS	

Charging Specifications

Charge Voltage	Battery	Per Cell
Float	6.75V~6.90V	2.25V~2.3V
Cycle	7.20V~7.50V	2.4V~2.5V
Max. Charge Current	2.1A	

Capacity Specifications

5 Second Discharge Current	105A	
Self Discharge (to 80% capacity)	3 Months	91%
	6 Months	82%
	12 Months	64%
Internal Resistance	12mΩ(25°C)	

Temperature Specifications

Operating Temperature Capability **-40° F (-40° C) to 140° F (60° C)**

Recommended parameters for optimal battery life and performance:
 Charging: 32° F to 104° F (0° C to 50° C), Discharging: 5° F to 122° F (-15° to 50° C),
 Storage: 50° to 77° F (10° C to 25° C)

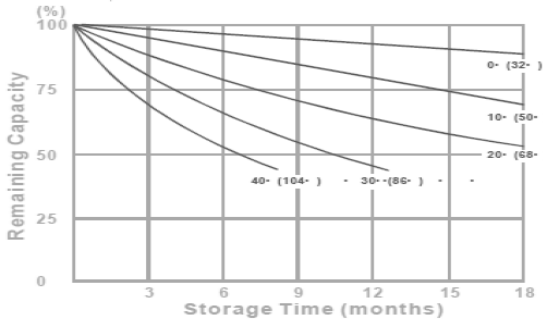


FEATURES:

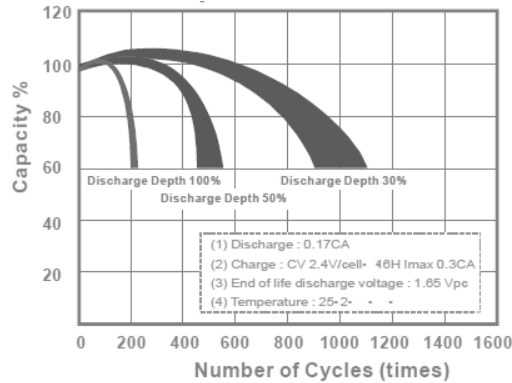
- Used in several types of application
- Approved for all modes of transport
- More efficient connections between plates & terminals
- VRLA technology to eliminate spills and over-pressure
- Maintenance-free



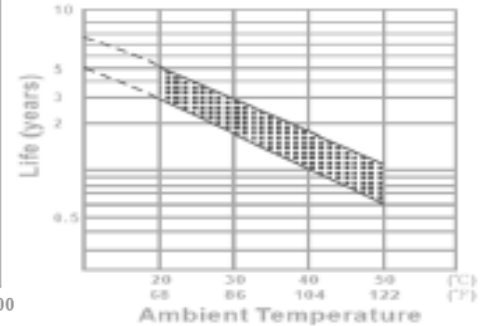
Capacity Retention Characteristics



Cycle Service Life



Trickle (of float) Service Life



Constant Current Discharge Characteristics: A (25°C)

F.V/Time	5 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.60V/cell	22.30	7.53	4.31	1.88	1.27	0.68	0.36
1.67V/cell	21.90	7.47	4.27	1.87	1.26	0.67	0.36
1.70V/cell	21.60	7.42	4.23	1.86	1.25	0.67	0.36
1.75V/cell	20.50	7.27	4.13	1.83	1.23	0.66	0.36
1.80V/cell	18.50	6.98	3.93	1.76	1.19	0.65	0.35
1.85V/cell	14.30	6.45	3.60	1.61	1.11	0.62	0.34

Constant Power Discharge Characteristics: W (25°C)

F.V/Time	5 min	15 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.60V/cell	42.00	25.10	8.19	3.70	2.42	1.33	0.72
1.67V/cell	40.20	23.90	8.13	3.68	2.42	1.32	0.72
1.70V/cell	38.80	23.10	8.08	3.65	2.40	1.32	0.71
1.75V/cell	35.50	21.30	7.95	3.59	2.37	1.30	0.71
1.80V/cell	30.60	19.00	7.69	3.47	2.29	1.28	0.70
1.85V/cell	23.80	16.00	7.16	3.20	2.17	1.22	0.67