

SLA0955

Technical Specifications

Nominal Voltage	6V	
Nominal Capacity	10Ah (20 Hr Rate to 1.75V/cell)	
Chemistry	Lead Acid -AGM	

Physical Specifications

Length	151mm	5.94in
Width	50mm	1.97in
Height	93.5mm	3.68in
Height w/Terminal	99mm	3.89in
Weight (+/- 5%)	1.7 Kg	3.67lbs
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	3.0A	

Capacity Specifications

5 Second Discharge Current	150A	
Self Discharge (to 80% capacity)	3 Months	91%
	6 Months	82%
	12 Months	64%
Internal Resistance	10mΩ(25°C)	

Temperature Specifications

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

Recommended parameters for optimal battery life and performance:

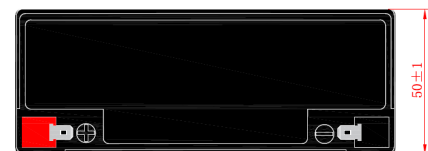
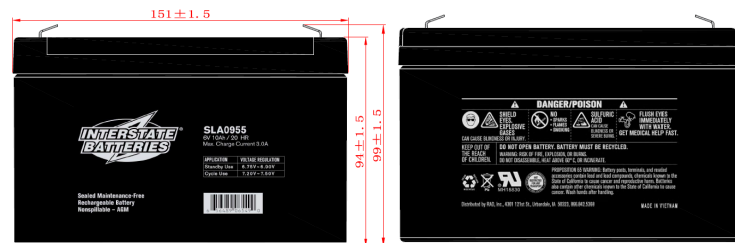
Charging: 32° F to 104° F (0° C to 50° C), Discharging: 5° F to 122° F (-15° to 50° C),

Storage: 50° to 77° F (10° C to 25° C)

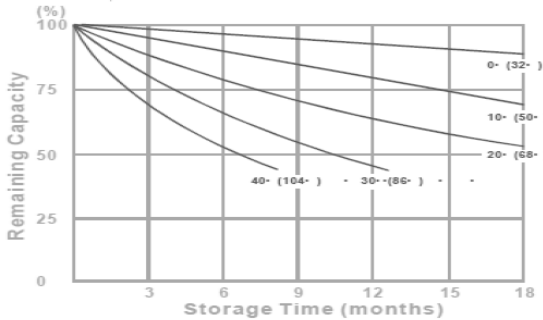


FEATURES:

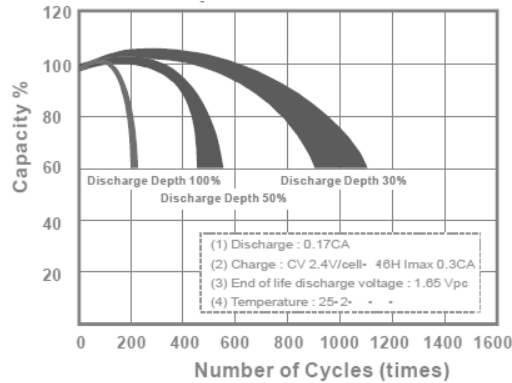
- Used in several types of application
- Approved for all modes of transport
- More efficient connections between plates & terminals
- VRLA technology to eliminate spills and over-pressure
- Maintenance-free



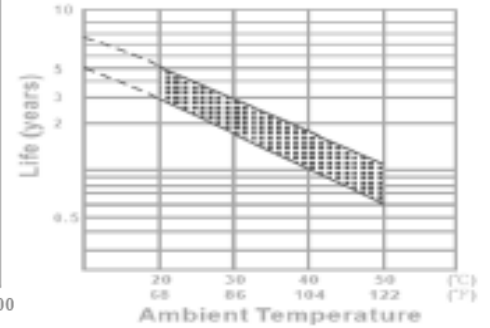
Capacity Retention Characteristics



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
1.85V/cell	25.20	8.55	5.34	2.41	1.60	0.93	0.49
1.80V/cell	28.00	9.42	5.50	2.55	1.70	0.96	0.51
1.75V/cell	31.50	8.98	5.70	2.63	1.78	0.99	0.53
1.70V/cell	33.40	10.23	5.83	2.65	1.79	1.00	0.53
1.67V/cell	35.40	10.45	5.95	2.68	1.84	1.01	0.54
1.60V/cell	37.90	10.68	6.11	2.71	1.86	1.01	0.54

Constant Power Discharge Characteristics: W (25°C)

F.V/Time	5 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.85V/cell	47.10	16.80	10.65	4.85	3.22	1.85	1.00
1.80V/cell	51.90	18.40	10.87	5.08	3.39	1.91	1.02
1.75V/cell	58.40	19.50	11.27	5.24	3.54	1.95	1.05
1.70V/cell	61.90	19.90	11.54	5.27	3.56	1.97	1.06
1.67V/cell	65.90	20.40	11.82	5.37	3.64	2.00	1.07
1.60V/cell	69.60	20.60	12.02	5.34	3.67	1.99	1.07