

GENERAL PURPOSE

SLA1005

Technical Specifications

Nominal Voltage	12V
Nominal Capacity	1.3Ah (20 Hr Rate to 1.75V/cell)
Chemistry	Lead Acid -AGM

Physical Specifications

Length	97 mm	3.81in
Width	43mm	1.69in
Height	51.5mm	2.03in
Height w/Terminal	57.5mm	2.26in
Weight (+/- 5%)	0.60Kg	1.32lbs
Terminal Type	F1	
Case Material	ABS	



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

Charging Specifications

Charge Voltage	Battery	Per Cell
Float	13.5V~13.8V	2.25V~2.30V
Cycle	14.4V~14.7V	2.40V~2.45V
Max. Charge Current	0.36A	

Capacity Specifications

5 Second Discharge Current	0.26A
Self Discharge (to 80% capacity)	3 Months 91%
	6 Months 82%
	12 Months 64%
Internal Resistance	<80mΩ(25°C)

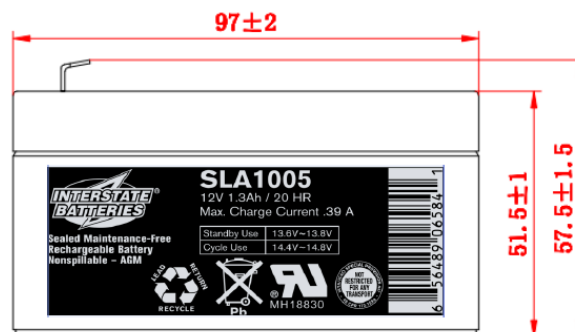
Temperature Specifications

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

Recommended parameters for optimal battery life and performance:

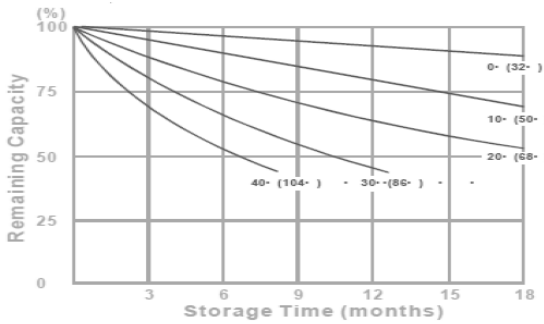
Charging: 32° F to 104° F (0° C to 50° C), Discharging: 5° F to 122° F (-15° to 50° C),

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

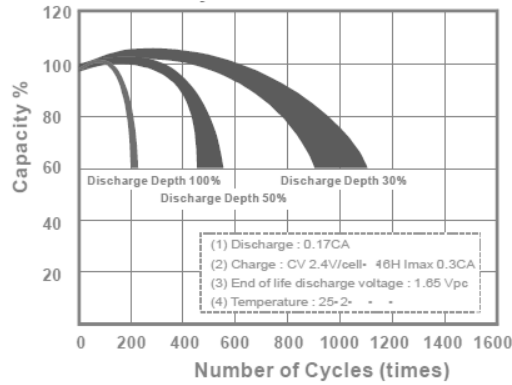


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Capacity Retention Characteristics



Cycle Service Life



Trickle (of float) Service Life

