GENERAL PURPOSE

SLA1097

Technical Specifications

Nominal Voltage	12V
Nominal Capacity	10Ah (20 Hr Rate to 1.75V/cell)
Chemistry	Lead Acid -AGM

Physical Specifications

Length	151mm	5.95in
Width	65mm	2.56in
Height	111mm	4.37in
Height w/Terminal	117mm	6.57in
Weight (+/- 5%)	3.20Kg	4.61lbs
Terminal Type	F2	
Case Material	ABS	

Charging Specifications

Charge Voltage	Battery	Per Cell
Float	13.5V~13.8V	2.25V~2.30V
Cycle	14.4V~15.0V	2.40V~2.50V
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	22mΩ(25°C)

Temperature Specifications

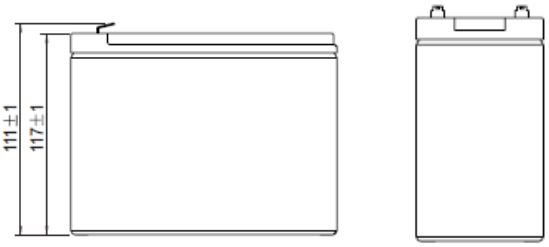
Operating Temperature Capablity	-40º F (-40º C) to 140º F (60º C)

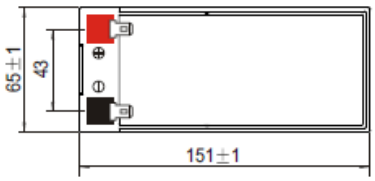
Recommended parameters for optimal battery life and performance:

Charging: 32º F to 104º F (0º C to 50º C), Discharging: 5º F to 122º F (-15º to 50º C),
Storage: 50º to 77º F (10º C to 25º 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





LEAD RETURN RECYCLE Pb

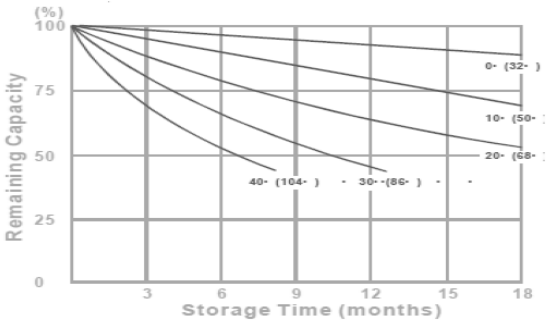
6/19

Interstate Batteries
4301 121st Street Urbandale, IA 50323

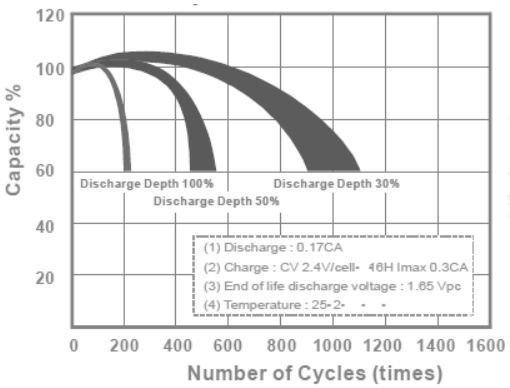
866-884-4635
InterstateBatteries.com/all-battery-centers

GENERAL PURPOSE

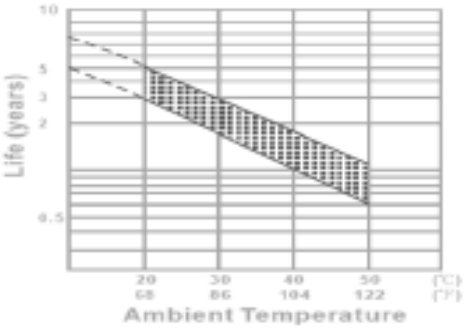
Capacity Retention Characteristics



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	19.00	8.10	5.03	2.33	1.54	0.90	0.50
1.80V/cell	25.60	9.56	5.63	2.50	1.66	0.93	0.50
1.75V/cell	28.80	9.92	5.89	2.55	1.70	0.96	0.51
1.70V/cell	31.70	10.30	6.08	2.62	1.74	0.97	0.51
1.67V/cell	35.00	10.90	6.22	2.73	1.79	0.99	0.52
1.60V/cell	38.60	11.50	6.28	2.82	1.85	1.01	0.52

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	34.80	15.40	9.70	4.54	3.03	1.79	0.98
1.80V/cell	46.20	17.90	10.80	4.85	3.23	1.84	0.99
1.75V/cell	51.00	18.50	11.30	4.92	3.31	1.88	1.00
1.70V/cell	54.60	19.10	11.60	5.05	3.38	1.92	1.02
1.67V/cell	59.40	20.00	11.80	5.24	3.47	1.96	1.03
1.60V/cell	64.00	21.00	11.80	5.38	3.57	1.98	1.03

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