

HSL0925

Technical Specifications

Nominal Voltage	6V
Nominal Capacity	9Ah (20 Hr Rate to 1.75V/cell)
Nominal Power	34W/Cell (15 min.)
Chemistry	Lead Acid -AGM

Physical Specifications

Length	151mm	5.94in
Width	34mm	1.34in
Height	93mm	3.66in
Height w/Terminal	98mm	3.86in
Weight (+/- 5%)	1.34Kg	2.95lbs
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	2.25A	

Capacity Specifications

5 Second Discharge Current	135A
Self Discharge (to 80% capacity)	3 Months 91%
	6 Months 82%
	12 Months 64%
Internal Resistance	8mΩ(25°C)

Temperature Specifications

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

Recommended parameters for optimal battery life and performance:

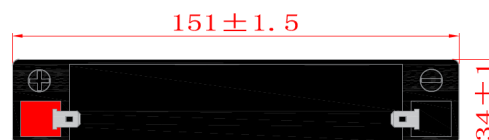
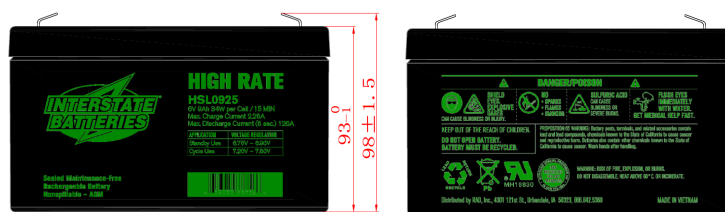
Charging: 32° F to 104° F (0° C to 50° C), Discharging: 5° F to 122° F (-15° to 50° C),

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



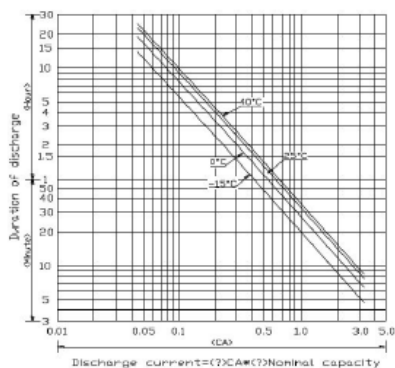
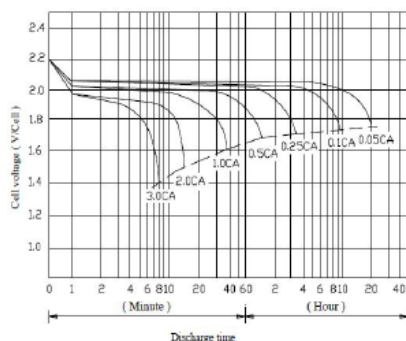
FEATURES:

- Used almost exclusively in backup or cranking systems
- Provide high percent of capacity in <1 hour
- More efficient connections between plates & terminals
- Flexibility of mounting orientation
- VRLA technology to eliminate spills and over-pressurization
- Maintenance-free

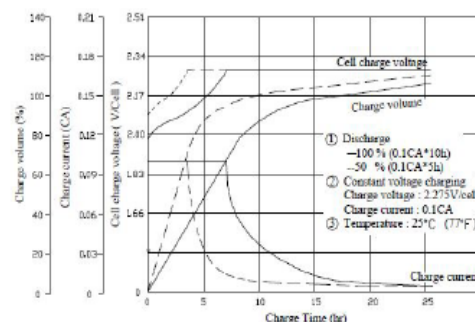


Discharging Current VS Discharging Time

Discharge Characteristics



Charging Characteristics for Standby Use



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	26.90	20.80	7.18	4.91	2.25	0.83	0.42
1.80V/cell	29.80	22.00	7.27	4.97	2.29	0.85	0.43
1.75V/cell	32.10	23.10	7.34	5.01	2.31	0.87	0.45
1.70V/cell	34.40	23.90	7.41	5.04	2.35	0.88	0.51
1.67V/cell	35.60	24.50	7.46	5.08	2.36	0.90	0.54
1.60V/cell	38.30	25.50	7.56	5.13	2.39	0.91	0.56

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	144.50	52.50	32.95	20.70	10.65	6.15	3.00
1.80V/cell	154.50	53.50	33.35	20.95	10.75	6.20	3.04
1.75V/cell	164.00	54.56	33.70	21.40	10.85	6.24	3.08
1.70V/cell	173.00	56.50	34.05	21.65	10.95	6.27	3.12
1.67V/cell	177.50	57.50	34.55	22.05	11.00	6.34	3.14
1.60V/cell	187.50	59.50	35.70	22.45	11.15	6.40	3.19