

## FEATURES

- The sulfuric acid is mixed with silica fume, which makes the resulting mass gel-like and immobile.
- Increased durability and deep cycle ability for heavy demand.
- High temperature stability, mechanical strength and low acid displacement.
- Superior performance with deep discharges.
- Patented safety valve to have accurate pressure operating for long battery life.

## APPLICATIONS

- UPS
- Security
- Telecommunication
- Electronic Medical Equipment
- Emergency Lighting



## SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	6.5Ah @ 20 hour rate F.V.(1.75V/cell) 6.1Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	2450g(54.01lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤32mΩ (Fully Charged )
Max. Discharge Current	105 A (5 sec.)
Max. Charge Current	1.3 A
Self Discharge	< 2% per month (25°C)
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	Standard: ABS( UL94 HB) GB 12/6.5 Optional: Flame Retardant ABS(UL94 V-0)GB 12/6.5FR



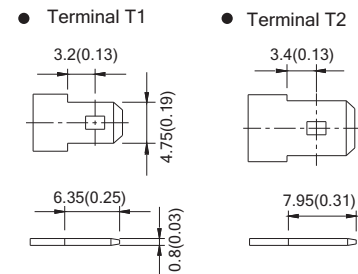
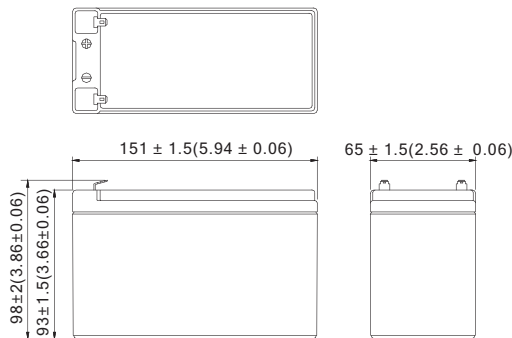
- GB/T 19639.1
- IEC61056-1

## DIMENSION(mm/inch)

## OUTER DIMENSIONS

## TERMINAL TYPE

- **Length**  
151±1.5 (5.94±0.06)
- **Width**  
65±1.5 (2.56±0.06)
- **Container Height**  
93±1.5 (3.66±0.06)
- **Total Height**  
98±2.0 (3.86±0.08)



## Constant power discharge characteristics at 25 °C/77 °F Unit: W

F.V. (V/cell) \ Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	73.81	43.74	18.95	13.53	7.32	3.85
1.75V	74.95	44.97	19.25	13.74	7.48	3.90
1.70V	75.51	46.00	19.47	13.85	7.54	3.95
1.65V	75.79	46.48	19.67	13.91	7.58	3.98
1.60V	75.80	46.95	19.78	13.94	7.60	4.00

## Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell) \ Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	6.004	3.685	1.579	1.131	0.610	0.320
1.75V	6.089	3.799	1.603	1.148	0.623	0.325
1.70V	6.127	3.883	1.621	1.158	0.629	0.330
1.65V	6.249	3.931	1.639	1.162	0.632	0.332
1.60V	6.252	3.949	1.648	1.166	0.640	0.335

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