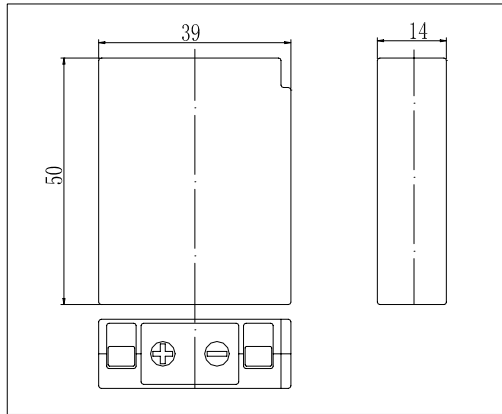
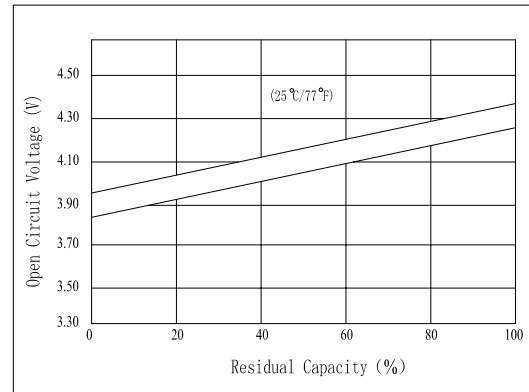


Dimensions



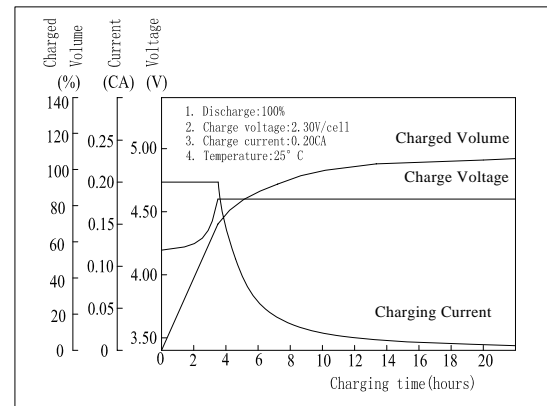
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



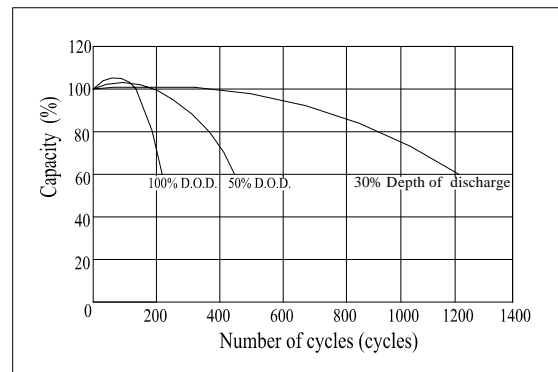
Specifications

Nominal Voltage	4 V	
Capacity(20HR, 25°C)	0.5 Ah	
Dimension	Length	39mm (1.54inch)
	Width	14mm (0.55inch)
	Height	50mm (1.97inch)
	Total Height	50mm (1.97inch)
Approx. Weight	0.07kg (0.15lbs)	
Internal resistance (Fully charged, 25°C)	Approx. 130mΩ	
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature	25°C ± 3°C (77°F ± 5°F)	
Operating temperature range	-15°C ~ 50°C (5°F ~ 122°F)	
Float charging voltage(25°C)	4.50 to 4.60V	
Cyclic charging voltage(25°C)	4.85 to 4.95V	
Maximum charging current	0.15A	
Terminal material	Copper	
Maximum discharge current	7.5A(5 sec.)	

Charging Characteristics(25°C)



Cycle Life(25°C)



Note: Floating life at 20°C designed for 3 to 5 years.

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
3.20V	1.40	0.85	0.70	0.40	0.25	0.11	0.07	0.04	0.025
3.40V	1.33	0.81	0.67	0.38	0.24	0.11	0.07	0.04	0.025
3.60V	1.25	0.76	0.64	0.36	0.23	0.11	0.07	0.04	0.024

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
3.20V	5.21	3.20	2.66	1.53	0.96	0.44	0.28	0.16	0.10
3.40V	4.95	3.04	2.55	1.47	0.92	0.44	0.28	0.16	0.10
3.60V	4.65	2.85	2.43	1.39	0.88	0.43	0.27	0.16	0.10