

Dimension:

Length	70mm ± 1.5mm (2.76 inch)
Width	47mm ± 1.5mm (1.85 inch)
Height	101mm ± 1.5mm (3.98 inch)
Total Height	107mm (4.25 inch)

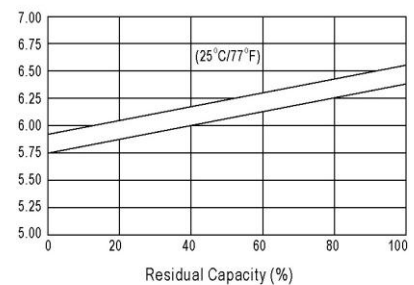
Weight Approx.

0.73kg

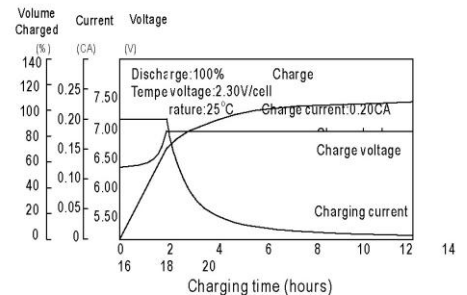
Specification

Nominal Voltage	6V
Nominal Capacity	4Ah @ 20Hr-Rate to 5.1V
Typical Capacity	4Ah @ 20Hr-Rate to 5.1V 3.7Ah @ 10Hr-Rate to 5.1V 3.4Ah @ 5Hr-Rate to 5.1V 2.8Ah @ 1Hr-Rate to 5.1V 2.0Ah @ 15min-Rate to 5.1V
Internal Resistance	Approx. 25mΩ
Capacity affected by temperature (20Hr)	102% at 40°C 100% at 25°C 85% at 0°C 65% at -15°C
Self-Discharge (at 25°C)	91% after 3 months 82% after 6 months 65% after 12 months
Operation Temperature	-15°C ~ 50°C
Float Charging Voltage	6.80~6.90V
Cyclic Charging Voltage	7.25~7.45V
Maximum Charging Current	1.35A
Maximum Discharging Current	68A (5 sec)
Terminal Material	Cooper

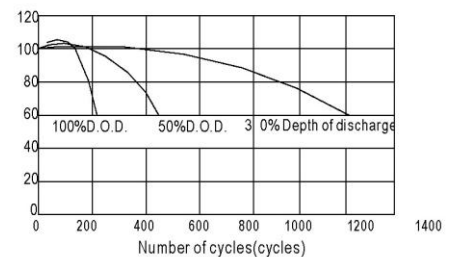
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics (25°C)



Cycle Life (25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	16.2	10.8	8.80	4.80	3.10	1.12	0.76	0.45	0.23
5.10V	15.4	10.3	8.45	4.65	3.02	1.10	0.75	0.45	0.23
5.40V	14.5	9.6	8.03	4.47	2.92	1.06	0.74	0.44	0.22

Constant Power Discharge Characteristics (Watt, 25°C)

	5min	10min	15min	30min	60min	3h	5h	10h	20h
90.4	60.9	50.1	27.5	17.9	6.65	4.54	2.70	1.38	
85.9	58.1	48.1	26.6	17.5	6.53	4.48	2.70	1.38	
80.9	54.4	45.7	25.6	16.9	6.30	4.42	2.64	1.32	