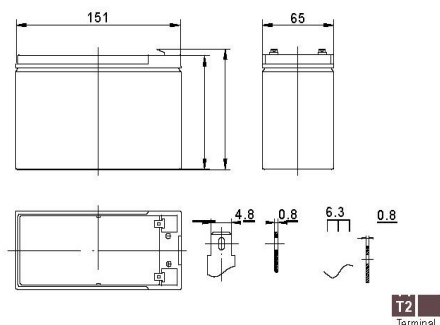


Dimension(mm)



Dimension:

Length	151mm ± 1.5mm (5.94 inch)
Width	65mm ± 1.5mm (2.56 inch)
Height	94mm ± 1.5mm (3.7 inch)
Total Height	100mm (3.94 inch)

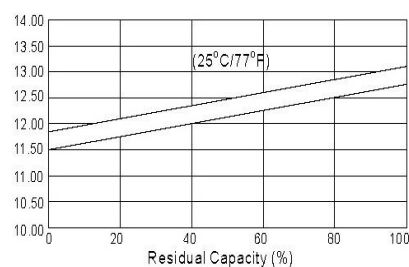
Weight Approx.

2.15kg

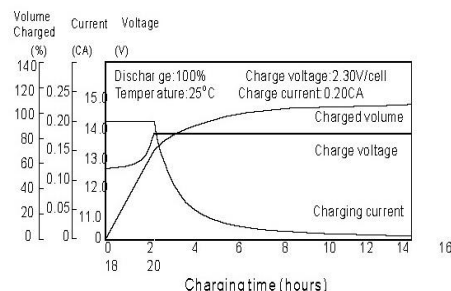
Specification

Nominal Voltage	12V
Nominal Capacity	7.0Ah @ 20Hr-Rate to 10.2V
Typical Capacity	7.2Ah @ 20Hr-Rate to 10.2V 7.0Ah @ 10Hr-Rate to 10.2V 5.65Ah @ 5Hr-Rate to 10.2V 4.55Ah @ 1Hr-Rate to 10.2V 3.35Ah @ 15min-Rate to 10.2V
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	13.6~13.8V
Cyclic Charging Voltage	14.5~14.9V
Maximum Charging Current	2.1A
Maximum Discharging Current	105A (5 sec)
Terminal Material	Cooper

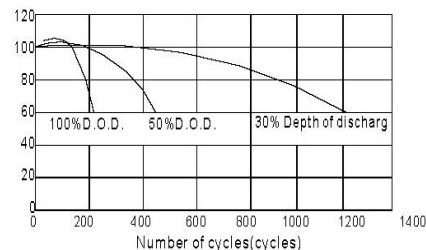
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



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
9.60V	27.4	18.0	14.0	8.20	4.70	1.83	1.24	0.71	0.37
10.2V	26.0	17.1	13.4	7.86	4.55	1.80	1.22	0.70	0.36
10.8V	24.4	16.1	12.7	7.46	4.35	1.76	1.20	0.68	0.36

Constant Power Discharge Characteristics (Watt, 25°C)

	5min	10min	15min	30min	60min	3h	5h	10h	20h
305	203	160	92.0	54.4	21.7	14.8	8.52	4.43	
290	191	153	88.2	52.7	21.4	14.6	8.40	4.37	
273	180	145	83.8	50.4	21.0	14.3	8.17	4.32	