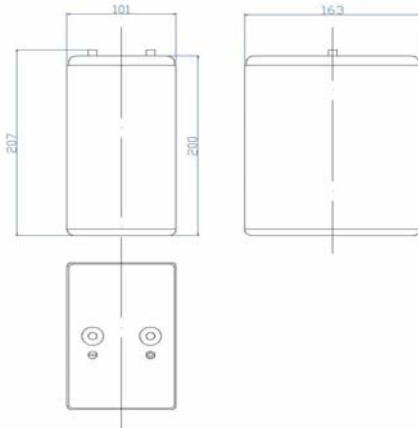


Dimensions

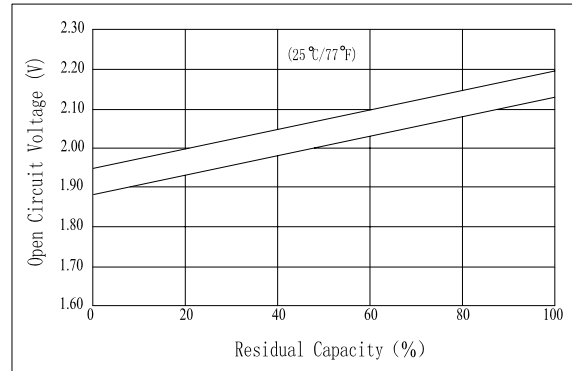


Specifications

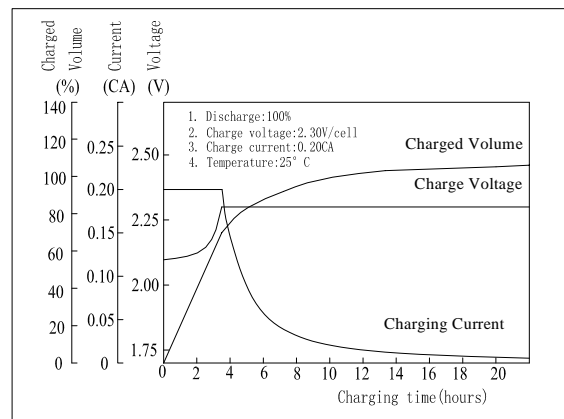
Nominal Voltage	2 V	
Capacity(10Hr, 20°C)	100 Ah	
Dimension	Length	163mm (6.68inch)
	Width	101mm (3.97inch)
	Height	200mm (7.87inch)
	Total Height	207mm (8.15inch)
Approx. Weight	7.5kg (16.6lbs)	
Internal resistance	Approx. 0.83m Ω	
Capacity affected by temperature (10Hr)	40°C	102%
	20°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (20°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Operating temperature	20°C ± 3°C (68°F ± 5°F)	
Operating temperature range	-15°C ~ 50°C (5°F ~ 122°F)	
Float charging voltage(20°C)	2.25 to 2.30V	
Cyclic charging voltage(20°C)	2.42 to 2.48V	
Maximum charging current	30A	
Maximum discharge current	1200A(5 sec.)	

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS FV0 container.

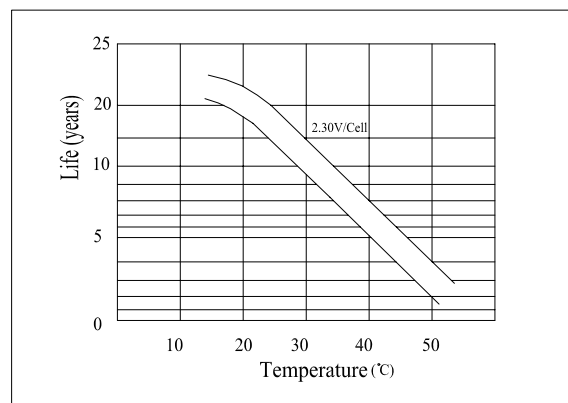
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Temperature Affects On Floating Life



Constant Current Discharge Characteristics (A, 20°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	310	210	165	105	61	26.4	17.7	10.2	5.4
1.70V	294.5	199.5	158.4	100.8	60.4	26.0	17.4	10.1	5.3
1.80V	276.8	187.5	150.5	95.8	62.0	25.7	17	10	5.3

Constant Power Discharge Characteristics (Watt, 20°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	542.5	378	302	196.4	123.5	51.7	37	20.2	10.8
1.70V	515.4	359.1	289.9	188.5	118.6	51	36.4	20.2	10.7
1.80V	484.5	337.6	275.4	179.1	112.6	49.9	35.7	20	10.6