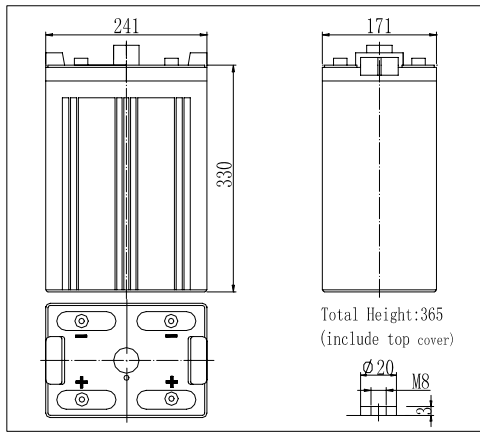
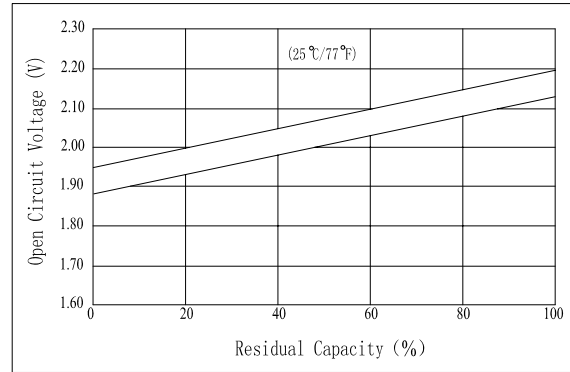


Dimensions



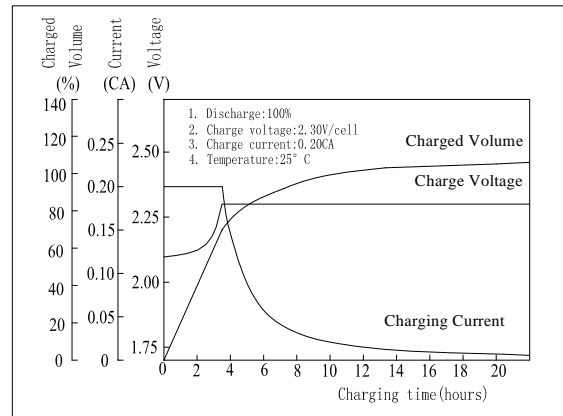
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Specifications

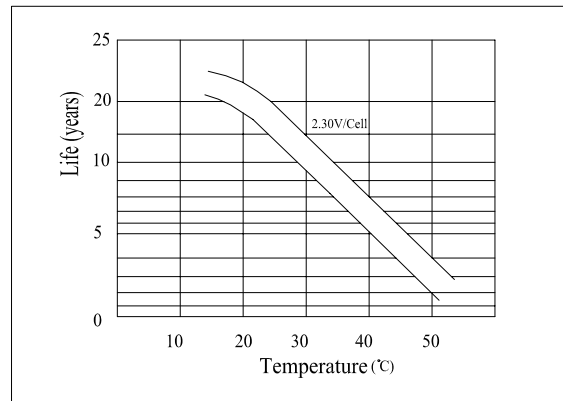
Nominal Voltage	2 V	
Capacity(10HR, 25°C)	550 Ah	
Dimension	Length	241mm (9.49inch)
	Width	171mm (6.73inch)
	Height	330mm (12.99inch)
	Total Height	365mm (14.37inch)
Approx. Weight	34kg (75.0lbs)	
Internal resistance (Fully charged, 25°C)	Approx. 0.35mΩ	
Capacity affected by temperature (20HR)	40°C	102%
	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)	2.25 to 2.30V	
Cyclic charging voltage(25°C)	2.42 to 2.48V	
Maximum charging current	100A	
Terminal material	Copper	
Maximum discharge current	3750A(5 sec.)	

Charging Characteristics(25°C)



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

Temperature Affects On Floating Life



Note: Floating life at 20°C designed for 15 to 18 years.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1678	1128	880	550	358	142	102	55.8	29.3
1.70V	1594	1071	845	528	343	140	100	55.3	29.0
1.80V	1498	1007	803	502	326	137	98.1	55.0	28.9

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	2936	2030	1610	1029	679	279	200	111	58.6
1.70V	2789	1928	1546	987	652	275	197	110	58.1
1.80V	2622	1812	1469	938	619	269	193	110	57.8