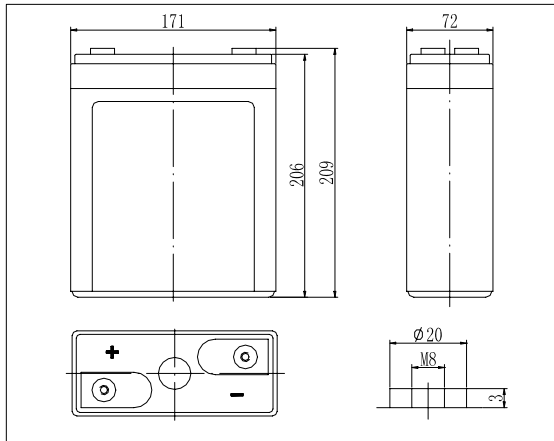


Dimensions

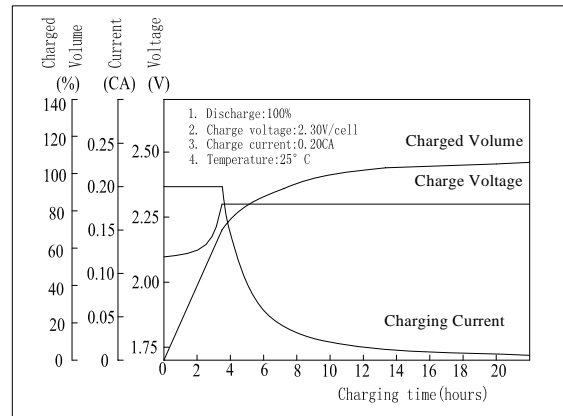


Specifications

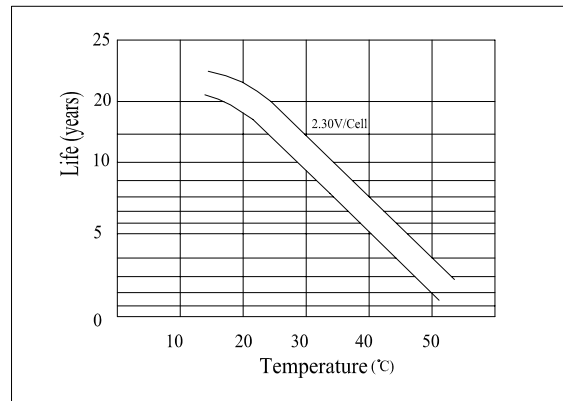
Nominal Voltage	2 V	
Capacity(10HR, 25°C)	100 Ah	
Dimension	Length	171mm (6.73inch)
	Width	72mm (2.83inch)
	Height	206mm (8.11inch)
	Total Height	209mm (8.23inch)
Approx. Weight	7.2kg (15.9lbs)	
Internal resistance (Fully charged, 25°C)	Approx. 0.90mΩ	
Capacity affected by temperature (20HR)	40°C	102%
	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	20A	
Terminal material	Copper	
Maximum discharge current	800A(5 sec.)	

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

Charging Characteristics(25°C)



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	310	210	165	105	65.0	26.4	18.8	10.2	5.38
1.70V	295	200	158	101	62.4	26.0	18.5	10.1	5.33
1.80V	277	188	150	95.8	59.3	25.5	18.1	10.0	5.30

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	543	378	302	196	124	51.0	37.0	20.2	10.8
1.70V	515	359	290	188	119	51.0	36.4	20.0	10.7
1.80V	484	338	275	179	113	49.9	35.7	20.0	10.6