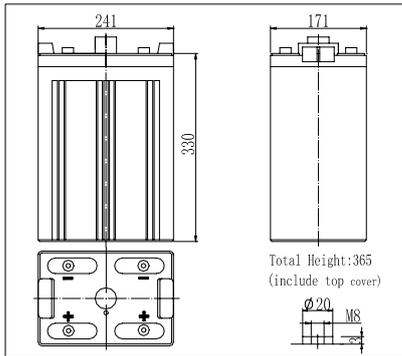


Dimensions

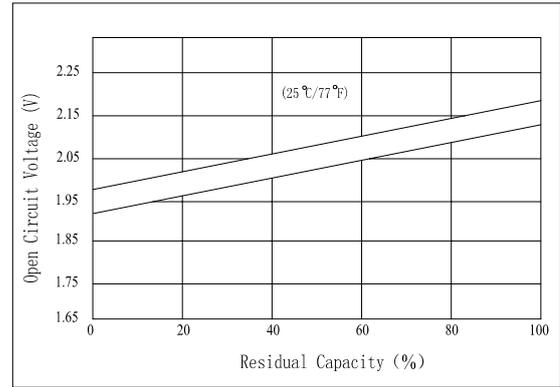


Specifications

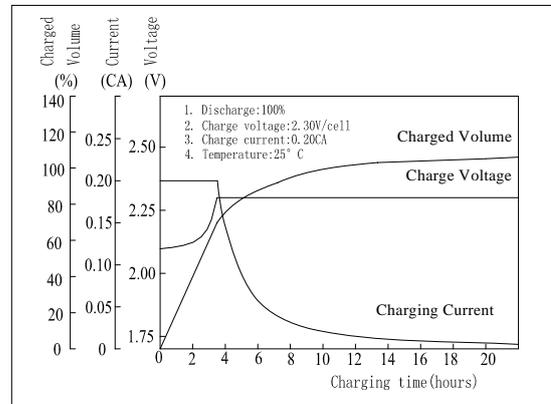
Nominal Voltage		2 V
Capacity(10HR, 25°C)		500 Ah
Dimension	Length	241mm (9.49inch)
	Width	171mm (6.73inch)
	Height	330mm (12.99inch)
	Total Height	365mm (14.37inch)
Approx. Weight		32.5kg (71.7lbs)
Internal resistance (Fully charged, 25°C)		Approx. 0.44m Ω
Capacity affected by temperature (20HR)	40°C	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)		2.35 to 2.40V
Maximum charging current		100A
Terminal material		Copper
Maximum discharge current		3500A(5 sec.)

- ◆ Gelled electrolyte technology;
- ◆ AGM separator;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

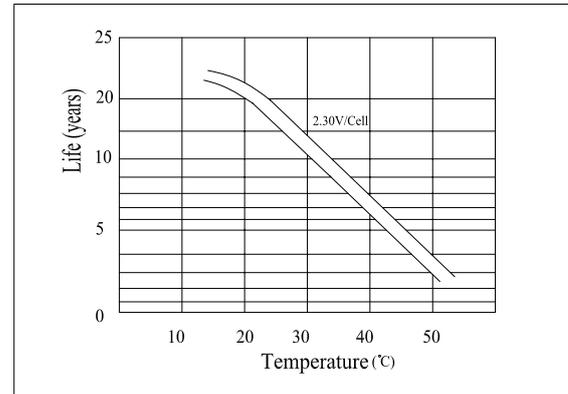
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Temperature Affects On Floating Life



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

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1080	825	760	480	310	122	83.7	50.8	26.4
1.70V	1026	784	730	461	298	120	82.5	50.3	26.2
1.80V	964	737	693	438	283	118	80.9	50.0	26.0

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1890	1485	1391	898	589	239	165	101	52.8
1.70V	1796	1411	1335	862	565	235	163	100	52.3
1.80V	1688	1326	1268	819	537	230	159	100	52.0

Note: we can produce other type gelled batteries according with clients requirements.