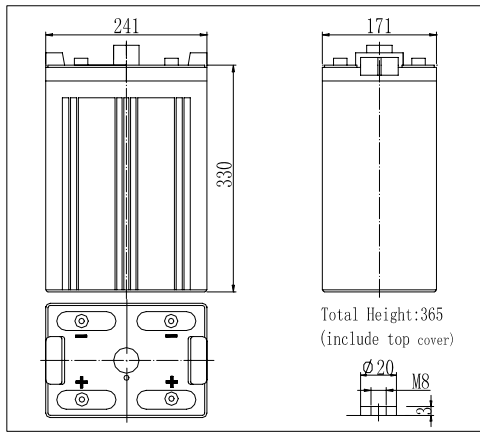


Dimensions



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	32kg (70.6lbs)	
Internal resistance (Fully charged, 25°C)	Approx. 0.40mΩ	
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	3500A(5 sec.)	

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

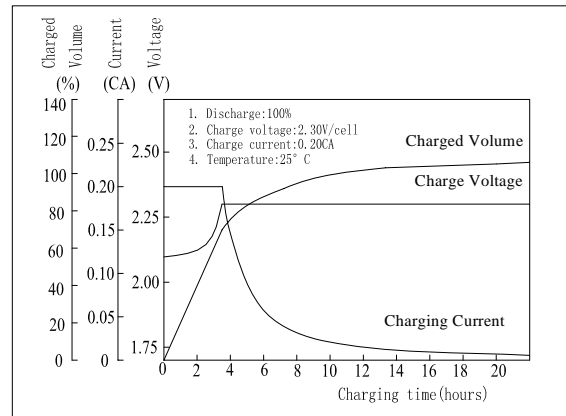
Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1550	1050	825	525	325	132	93.9	50.8	26.9
1.70V	1473	998	792	504	312	130	92.5	50.3	26.7
1.80V	1384	938	752	479	296	127	90.7	50.0	26.5

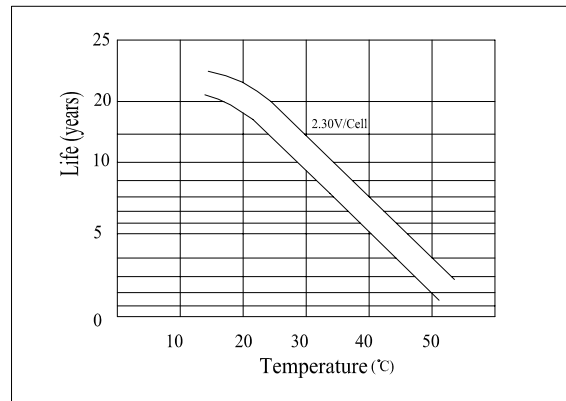
Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	2713	1890	1510	982	618	259	185	101	53.8
1.70V	2577	1796	1449	942	593	255	182	100	53.3
1.80V	2422	1688	1377	895	563	250	179	100	53.0

Charging Characteristics(25°C)



Temperature Affects On Floating Life



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