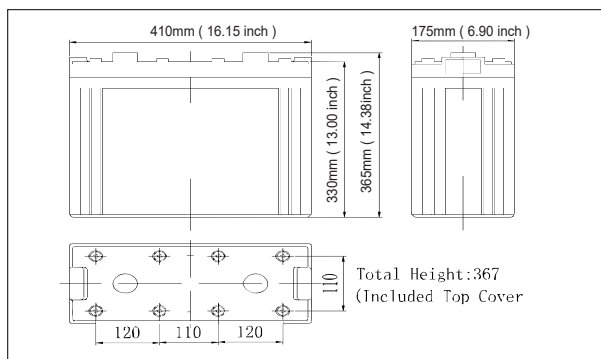
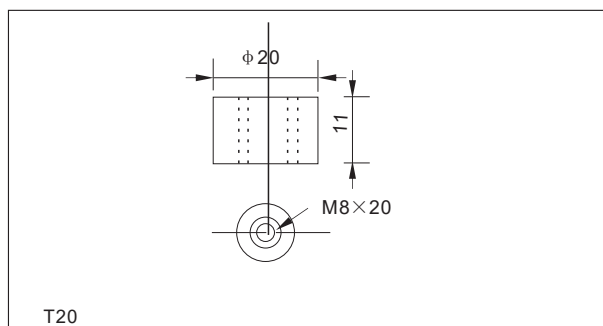




Outer dimensions (mm)



Terminal Type (mm)



Construction

Component	Positive plate	Negative plate	Container	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Gel	Rubber	Copper

Constant Power Discharge Characteristics Unit : W (25 °C, 77 °F)

End	15mi	30mi	1h	3h	5h	10h	24h	48h	120h
1.65V	1892	1411	904	411	290	---	---	---	---
1.70V	1772	1331	869	399	283	---	---	---	---
1.75V	1647	1246	831	373	275	156	---	---	---
1.80V	1517	1158	791	359	266	153	---	---	---
1.85V	1377	1058	746	342	255	145	71.3	39.8	16.9

Constant Current Discharge Characteristics Unit : A (25 °C, 77 °F)

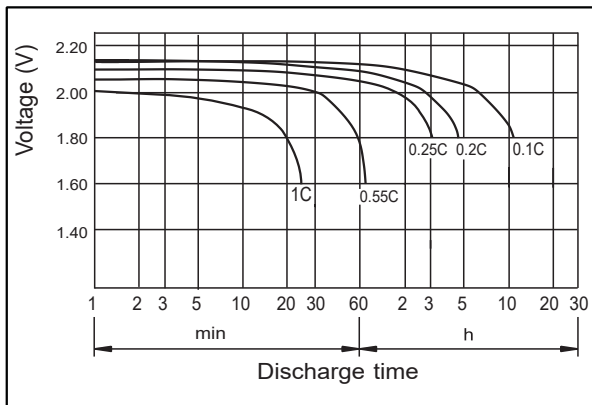
End	15mi	30mi	1h	3h	5h	10h	24h	48h	120h
1.65V	970	724	454	219	143	---	---	---	---
1.70V	905	689	435	213	139	---	---	---	---
1.75V	835	652	415	207	135	82.0	---	---	---
1.80V	762	613	393	200	131	80.0	---	---	---
1.85V	682	568	367	191	125	77.0	35.8	20.0	8.5

Note: The above characteristics data can be obtained within three charge or discharge cycles.

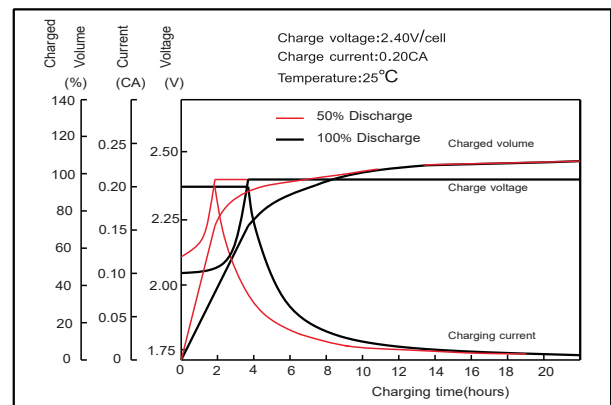
Specifications

Nominal Voltage		2V
Rated capacity (10 hour rate)		800Ah
Dimensions	Length	410mm (16.15 inch)
	Width	175mm (6.90 inch)
	Height	330mm (13.00 inch)
	Total Height	365mm (14.38 inch)
Approx. Weight		49kg
Capacity (25°C)	10HR(1.80V)	800Ah
	3HR(1.80V)	600Ah
	1HR(1.60V)	400Ah
Terminal type		T20
Internal resistance (Fully charged, 25°C)		Approx. 0.28mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage (25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage (25°C)		2.40 to 2.45V Temperature compensation: -5mV/°C
Maximum charging current		240A
Maximum discharge current		8500A (5 sec.)
Designed floating life (20°C)		20 years

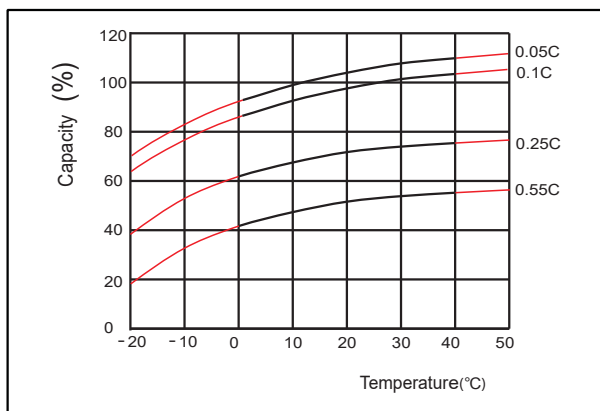
■ Discharge Characteristics(25°C)



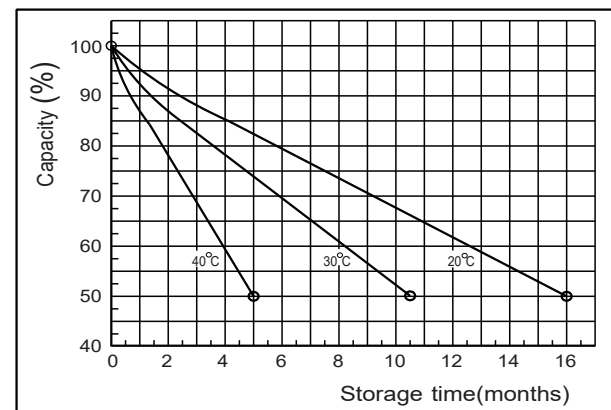
■ Charging Characteristics(25°C)



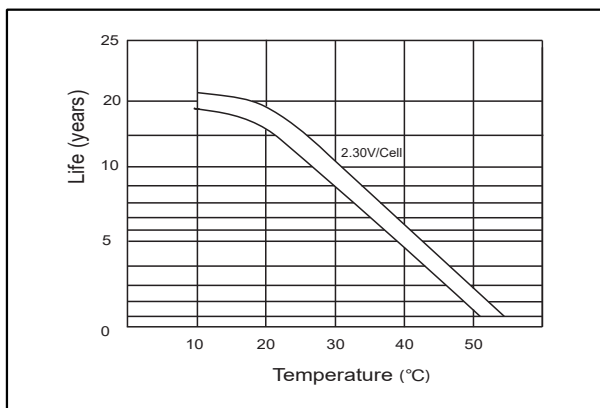
■ Temperature Effects On Capacity



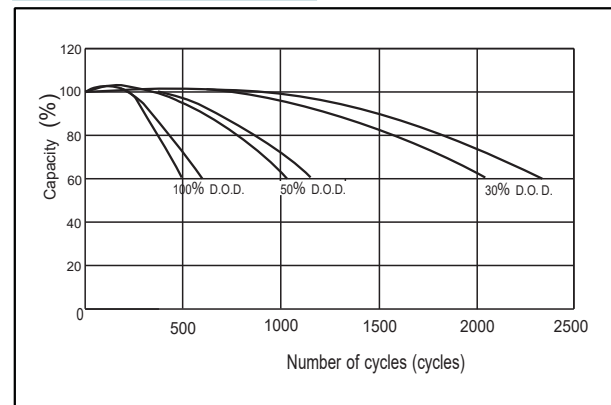
■ Self-Discharge Characteristics



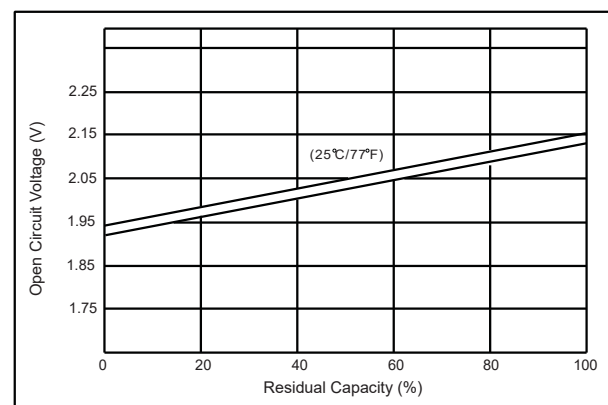
■ Floating Life On Temperature



■ Cycle Life On D.O.D(25°C)



■ The Relationship For OC And Capacity(25°C)



■ The Relationship For Charging Voltage and Temperature

