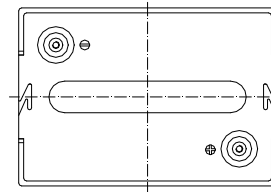
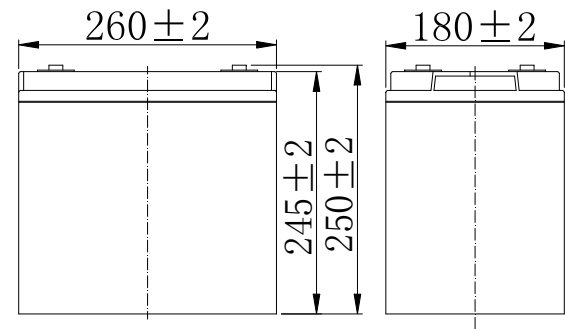
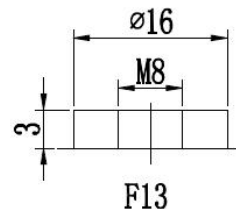


Specifications

Nominal Voltage		6 V
Capacity (25°C)	10HR(5.40V)	150 Ah
	5HR(5.25V)	132Ah
	1HR(4.80V)	92Ah
Dimension	Length	260±2mm (10.24inch)
	Width	180±2mm (7.09inch)
	Height	245±2mm (9.65inch)
	Total Height	250±2mm (9.84inch)
Approx. Weight		23kg (50.7lbs)±4%
Terminal type		F13
Internal resistance (Fully charged, 25°C)		Approx. 2.5mΩ
Capacity affected by temperature (10HR)	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	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)		6.75 to 6.90V Temperature compensation: -9mV/°C
Cyclic charging voltage(25°C)		7.25 to 7.50V Temperature compensation: -15mV/°C
Maximum charging current		45A
Maximum discharge current		1200A(5 sec.)
Designed floating life(20°C)		10 years

Dimensions

Terminal

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	327	252	151	92.7	54.8	39.0	31.5	26.9	18.5	15.3	8.09
4.95V	317	246	148	91.3	54.5	38.8	31.3	26.8	18.4	15.2	8.08
5.10V	304	237	143	89.0	54.0	38.5	31.1	26.6	18.3	15.2	8.05
5.25V	291	229	140	87.1	53.2	38.3	30.9	26.4	18.2	15.1	8.01
5.40V	275	217	135	84.4	51.8	37.1	30.0	25.6	17.6	15.0	7.95

Constant Power Discharge Characteristics (Watt, 25°C)

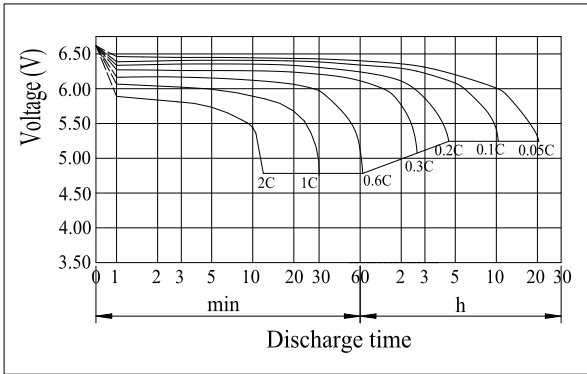
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	2119	1660	1015	634	381	275	222	191	132	109	58.3
4.95V	2055	1620	995	625	379	274	221	190	131	109	58.2
5.10V	1971	1561	964	609	375	272	220	189	130	109	58.0
5.25V	1886	1507	941	596	370	270	218	187	129	108	57.6
5.40V	1780	1428	906	578	360	262	211	182	125	107	57.2

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

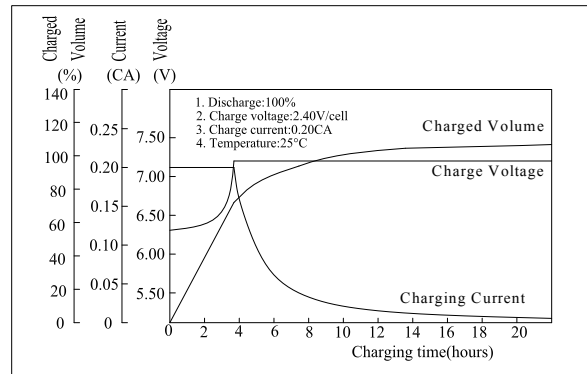
Construction

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

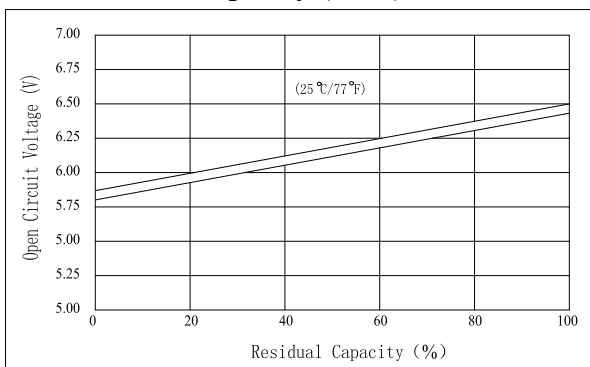
Discharge Characteristics(25°C)



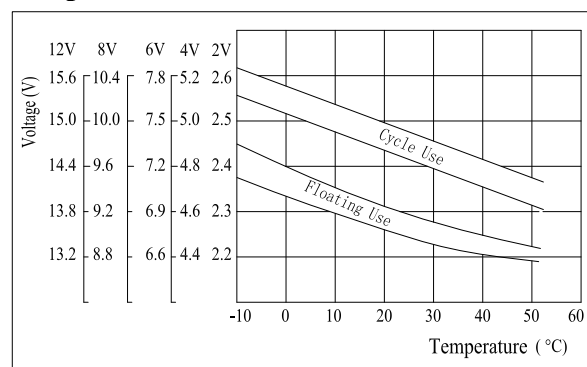
Charging Characteristics(25°C)



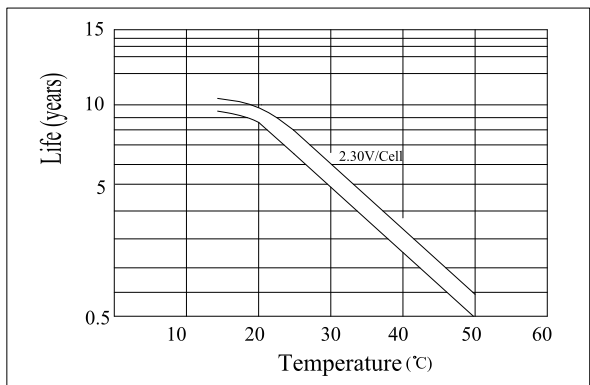
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



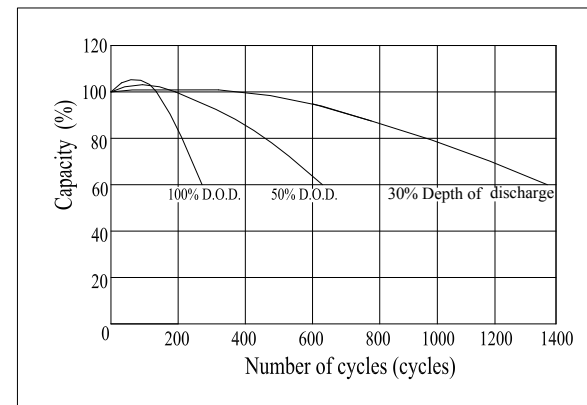
The Relationship for Charging Voltage and Temperature



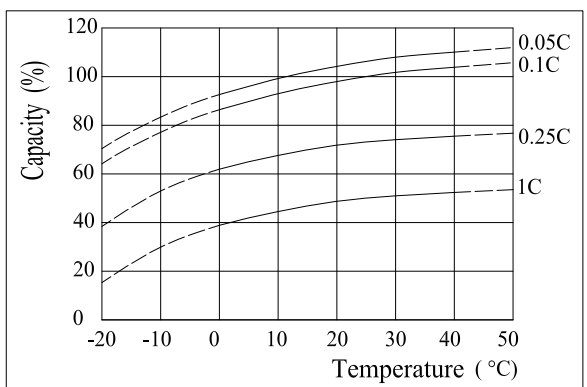
Floating Life on Temperature



Cycle Life on D.O.D(25°C)



Effect of Temperature on Capacity



Self-discharge Characteristics

