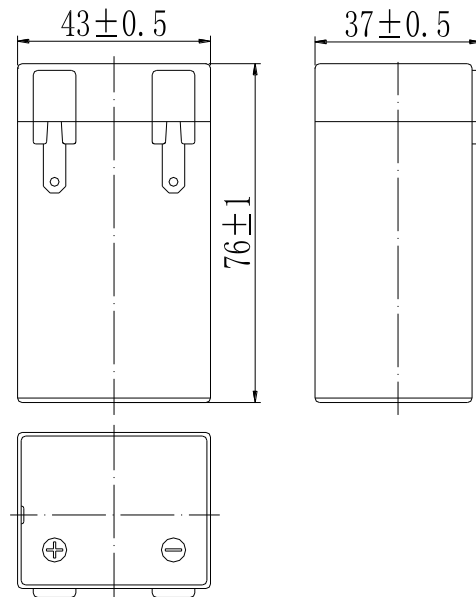
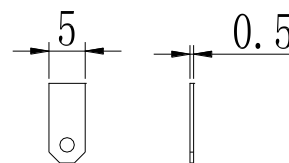


Specifications

Nominal Voltage		6 V
Capacity (25°C)	20HR(5.25V)	2.0Ah
	10HR(5.25V)	1.9Ah
	1HR(4.80V)	1.34Ah
Dimension	Length	43 ± 0.5mm (1.69inch)
	Width	37 ± 0.5mm (1.46inch)
	Height	76 ± 1mm (2.99inch)
	Total Height	76 ± 1mm (2.99inch)
Approx. Weight		0.34kg (0.75lbs) ± 5%
Terminal type		/
Internal resistance (Fully charged, 25°C)		Approx. 30mΩ
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	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)		6.80 to 6.90V Temperature compensation: -9mV/°C
Cyclic charging voltage(25°C)		7.25 to 7.50V Temperature compensation: -15mV/°C
Maximum charging current		0.69A
Maximum discharge current		5A(5 sec.)
Designed floating life(20°C)		5 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	4.96	3.87	2.18	1.34	0.73	0.51	0.42	0.36	0.23	0.19	0.10
4.95V	4.81	3.78	2.14	1.32	0.73	0.51	0.42	0.36	0.23	0.19	0.10
5.10V	4.61	3.64	2.07	1.29	0.72	0.50	0.41	0.35	0.23	0.19	0.10
5.25V	4.42	3.52	2.02	1.26	0.71	0.50	0.41	0.35	0.23	0.19	0.10
5.40V	4.17	3.33	1.95	1.22	0.69	0.48	0.40	0.34	0.22	0.19	0.10

Constant Power Discharge Characteristics (Watt, 25°C)

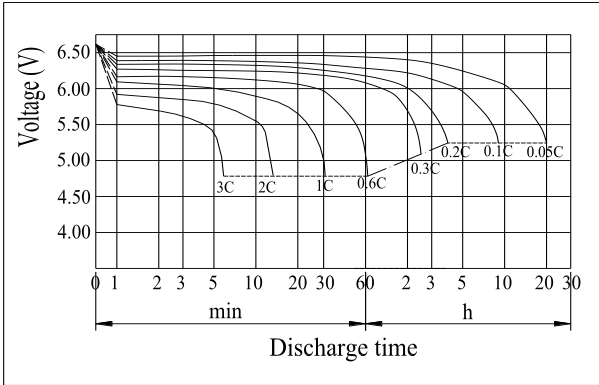
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	28.0	22.1	12.5	7.8	4.30	3.02	2.50	2.13	1.39	1.16	0.62
4.95V	27.1	21.6	12.3	7.7	4.27	3.00	2.49	2.12	1.38	1.16	0.62
5.10V	26.0	20.8	11.9	7.5	4.23	2.98	2.47	2.11	1.37	1.15	0.62
5.25V	24.9	20.1	11.6	7.3	4.17	2.96	2.45	2.09	1.37	1.15	0.62
5.40V	23.5	19.0	11.2	7.1	4.06	2.87	2.38	2.03	1.32	1.12	0.60

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

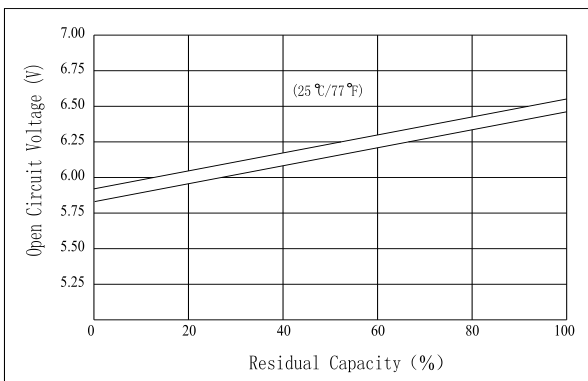
Construction

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

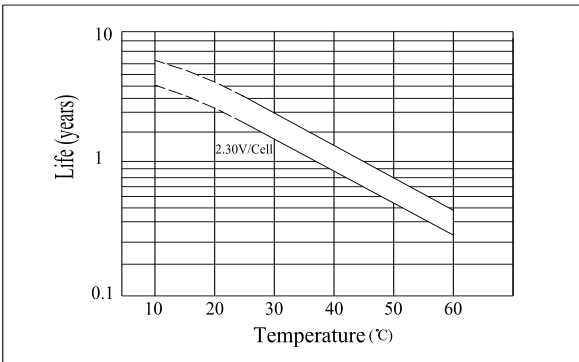
Discharge Characteristics(25°C)



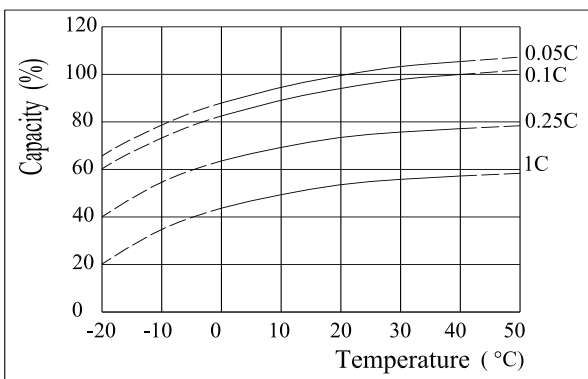
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



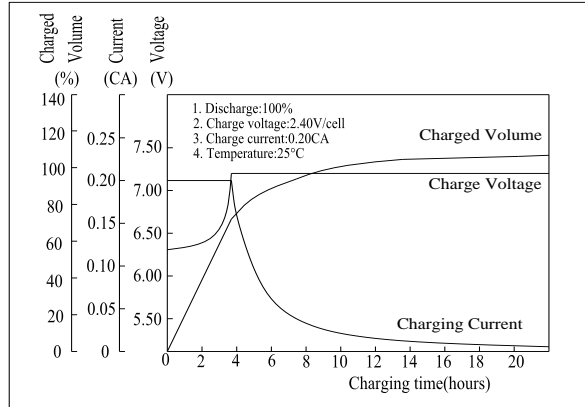
Floating Life on Temperature



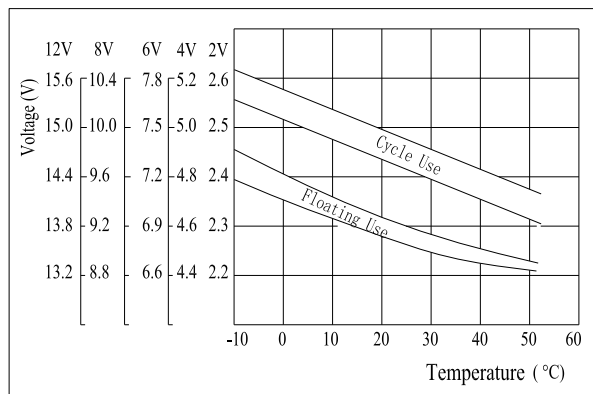
Effect of Temperature on Capacity



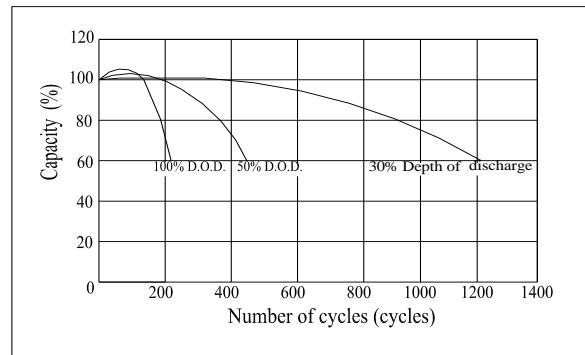
Charging Characteristics(25°C)



The Relationship for Charging Voltage and Temperature



Cycle Life on D.O.D(25°C)



Self-discharge Characteristics

