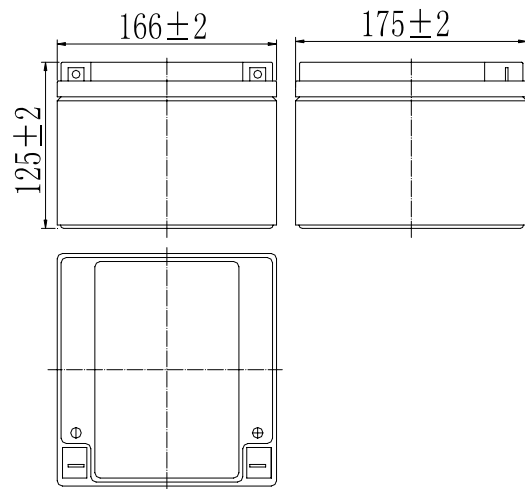


Specifications

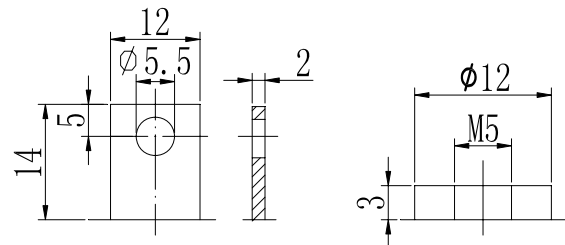
Nominal Voltage		12 V
Capacity (25°C)	20HR(10.5V)	26Ah
	10HR(10.5V)	23.3Ah
	1HR(9.60V)	15.6Ah
Dimension	Length	166±2mm (6.54inch)
	Width	175±2mm (6.89inch)
	Height	125±2mm (4.92inch)
	Total Height	125±2mm (4.92inch)
Approx. Weight		8.0kg (17.6lbs)±4%
Terminal type		T3/T8
Internal resistance (Fully charged, 25°C)		Approx. 14mΩ
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)		13.60 to 13.80V Temperature compensation: -18mV/°C
Cyclic charging voltage(25°C)		14.50 to 14.90V Temperature compensation: -30mV/°C
Maximum charging current		7.8A
Terminal material		Copper
Maximum discharge current		390A(5 sec.)
Designed floating life(20°C)		5~7 years



Dimensions



Terminal



Terminal T3

Terminal T8

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

Constant Current Discharge Characteristics (A, 25°C)

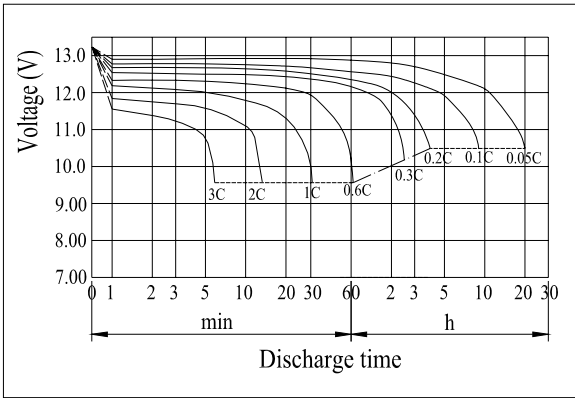
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	55.9	44.7	24.9	15.6	8.88	6.38	5.10	4.34	2.81	2.36	1.32
9.90V	54.2	43.6	24.4	15.4	8.83	6.34	5.07	4.31	2.79	2.35	1.31
10.2V	52.0	42.0	23.7	15.0	8.75	6.29	5.04	4.28	2.77	2.34	1.31
10.5V	49.7	40.6	23.1	14.7	8.62	6.25	5.00	4.25	2.75	2.33	1.30
10.8V	46.9	38.4	22.3	14.2	8.40	6.06	4.85	4.12	2.67	2.28	1.27

Constant Power Discharge Characteristics (Watt, 25°C)

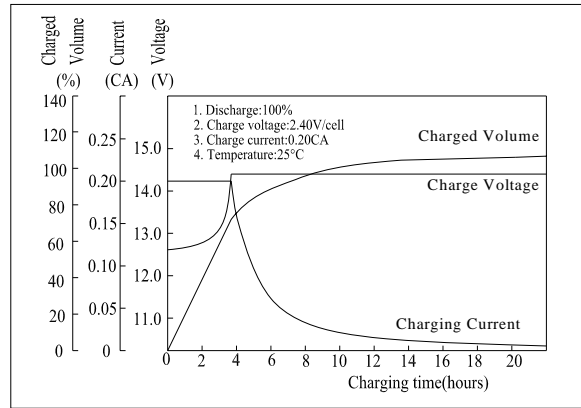
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	630	509	286	181	104	75.7	60.7	51.8	33.7	28.3	15.8
9.90V	611	497	280	178	103	75.3	60.4	51.5	33.5	28.2	15.8
10.2V	586	479	271	173	102	74.8	60.0	51.1	33.2	28.1	15.7
10.5V	561	463	265	170	101	74.3	59.6	50.7	33.0	27.9	15.6
10.8V	529	438	255	165	98.3	72.0	57.8	49.2	32.0	27.3	15.3

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

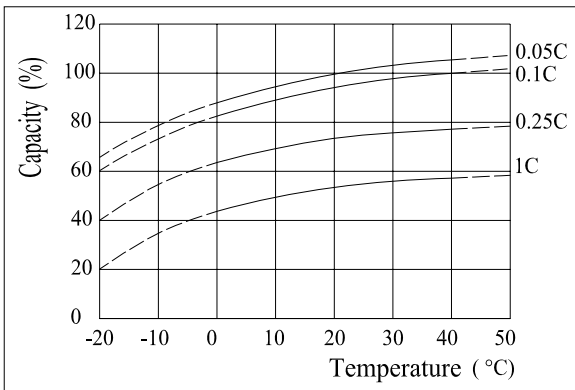
Discharge Characteristics(25°C)



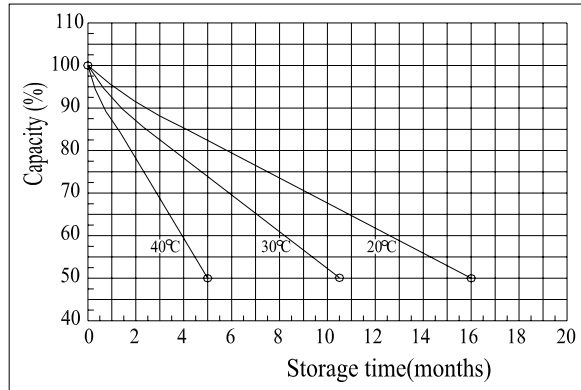
Charging Characteristics(25°C)



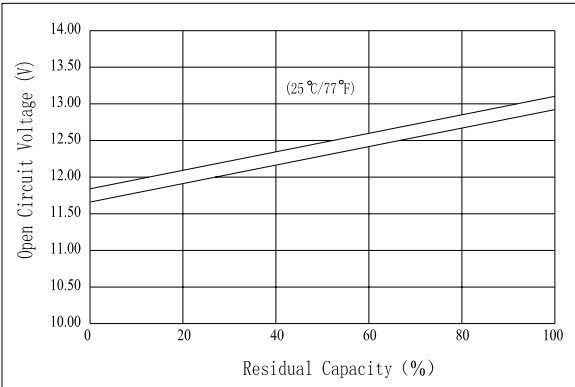
Effect of Temperature on Capacity



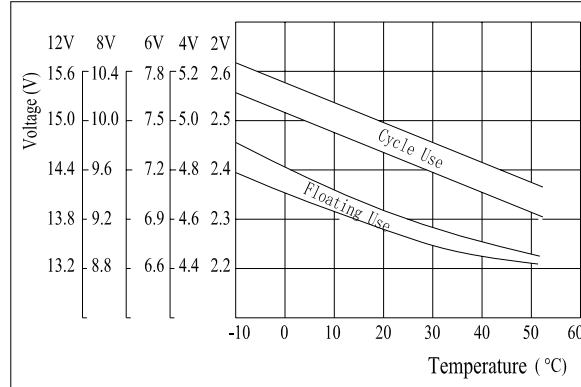
Self-discharge Characteristics



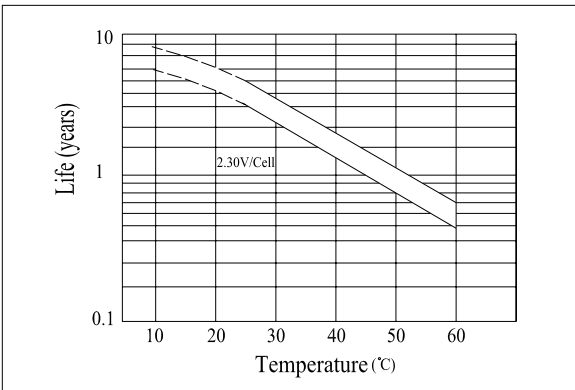
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

