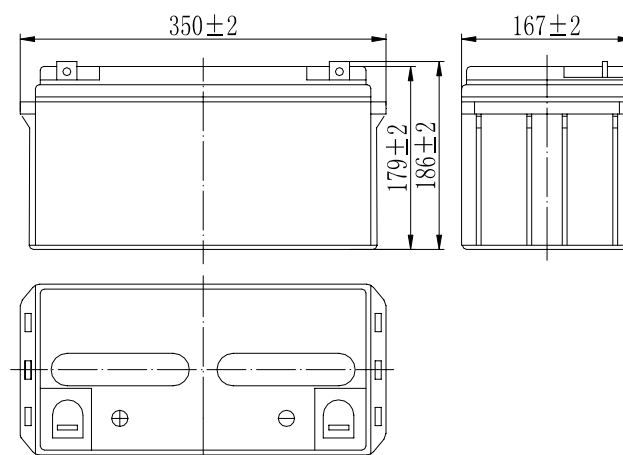


**Specifications**

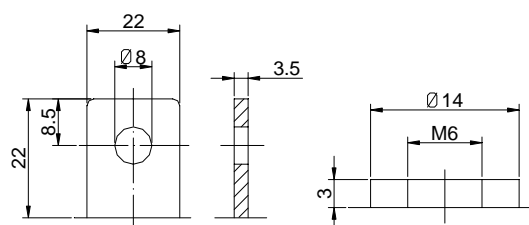
Nominal Voltage		12 V
Number of cell		6 cells
Capacity(10HR, 25°C)		65 Ah
Capacity(15min.rate, 25°C)		240 Watts/cell
Dimension	Length	350±2mm (13.78inch)
	Width	167±2mm (6.57inch)
	Height	179±2mm (7.05inch)
	Total Height	T5: 186±2mm (7.32inch) T9: 179±2mm (7.05inch)
Approx. Weight		21.5kg (47.4lbs)±5%
Terminal type		T5/T9
Internal resistance (Fully charged, 25°C)		Approx. 5.5mΩ
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)		13.50 to 13.80V Temperature compensation: -18mV/°C
Cyclic charging voltage(25°C)		14.50 to 14.90V Temperature compensation: -30mV/°C
Maximum charging current		19.5A
Terminal material		Copper
Maximum discharge current		650A(5 sec.)
Designed floating life(20°C)		7~10 years

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

**Dimensions**



**Terminal**



Terminal T5

Terminal T9

**Constant Current Discharge Characteristics (A, 25°C)**

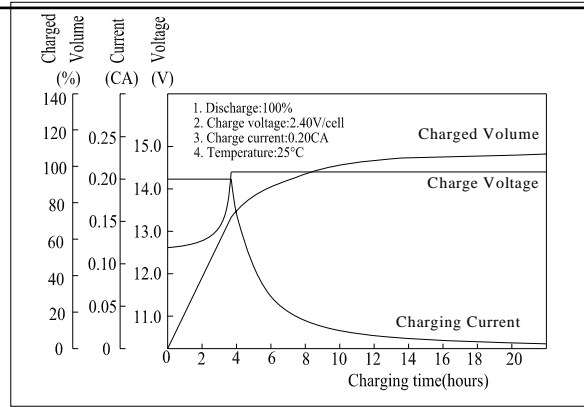
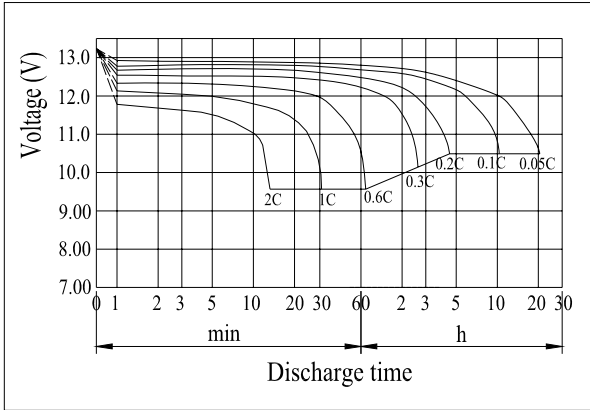
F.V/TIME	10min	15min	20min	30min	45min	60min	2h	3h	5h	10h	20h
1.60V/cell	157	128	102	72.6	54.1	44.1	23.8	17.0	11.9	6.68	3.54
1.65V/cell	152	125	100	71.1	53.0	43.5	23.6	16.9	11.9	6.67	3.53
1.67V/cell	150	124	98.4	70.3	52.4	43.0	23.5	16.9	11.8	6.66	3.53
1.70V/cell	146	120	96.3	69.0	51.4	42.4	23.4	16.8	11.8	6.65	3.52
1.75V/cell	139	116	93.1	67.3	50.1	41.5	23.0	16.7	11.7	6.61	3.50
1.80V/cell	132	110	88.1	64.8	48.3	40.2	22.5	16.2	11.3	6.57	3.48

**Constant Power Discharge Characteristics (Watt/cell, 25°C)**

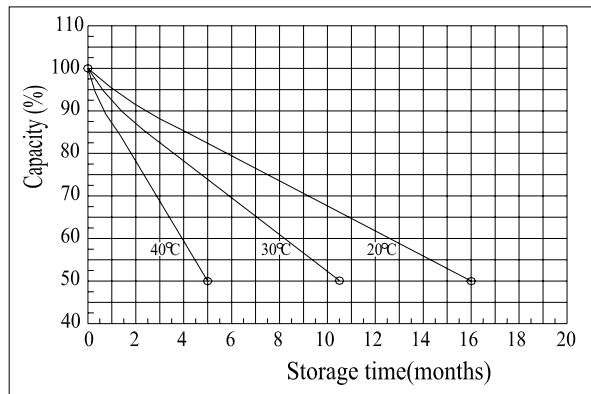
F.V/TIME	10min	15min	20min	30min	45min	60min	2h	3h	5h	10h	20h
1.60V/cell	294	247	198	140	104	85.2	46.3	33.6	23.6	13.4	7.08
1.65V/cell	286	241	193	137	102	83.9	46.0	33.4	23.5	13.3	7.07
1.67V/cell	281	240	190	136	101	83.0	45.9	33.3	23.4	13.3	7.06
1.70V/cell	274	232	186	133	99.2	81.8	45.6	33.1	23.3	13.3	7.05
1.75V/cell	262	225	180	130	96.8	80.1	44.9	32.9	23.2	13.2	7.00
1.80V/cell	247	213	170	125	93.2	77.7	43.8	31.9	22.5	13.1	6.96

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

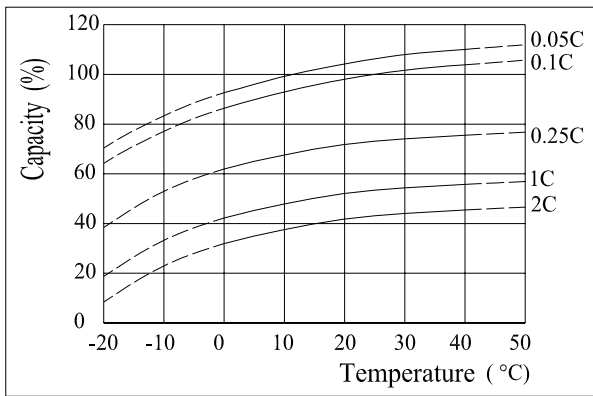
**Discharge Characteristics(25°C)**



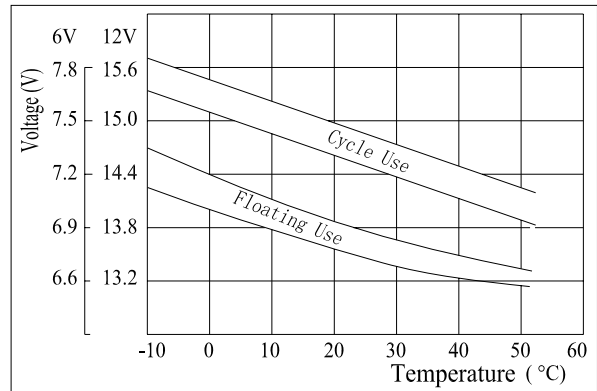
**Self-discharge Characteristics**



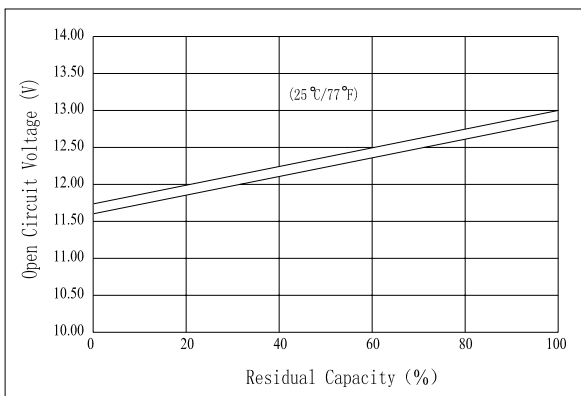
**Effect of Temperature on Capacity**



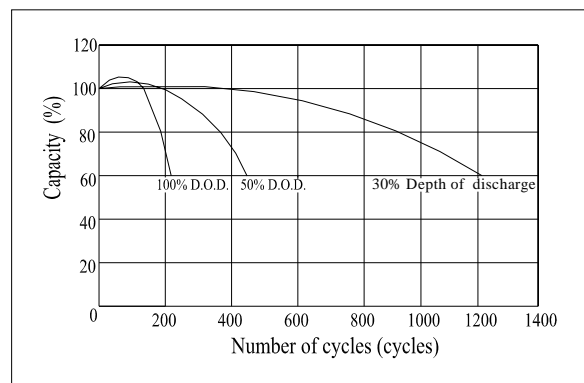
**The Relationship for Charging Voltage and Temperature**



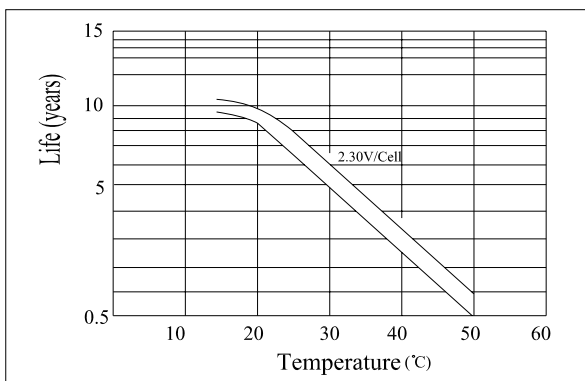
**The Relationship for Open Circuit Voltage and Residual Capacity (25°C)**



**Cycle Life on D.O.D.(25°C)**



**Floating Life on Temperature**



**Charging Characteristics(25°C)**