

Capacity (25°C)		10HR(10.8V)	40Ah
		5HR(10.5V)	33.2Ah
		1HR(9.60V)	24Ah
Dimension	Length	197±2mm (7.76inch)	
	Width	165±2mm (6.50inch)	
	Height	170±2mm (6.69inch)	
	Total Height	170±2mm (6.69inch)	
Approx. Weight		13kg (28.7lbs)±4%	
Terminal type		T4/T9	
Internal resistance (Fully charged, 25°C)		Approx. 10mΩ	
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)		13.50 to 13.80V Temperature compensation: -18mV/°C	
Cyclic charging voltage(25°C)		14.40 to 14.70V Temperature compensation: -30mV/°C	
Maximum charging current		10A	
Terminal material		Copper	
Maximum discharge current		400A(5 sec.)	
Designed floating life(20°C)		10 years	

- ◆ Gelled electrolyte technology;
- ◆ AGM separator;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

Constant Current Discharge Characteristics (A, 25°C)

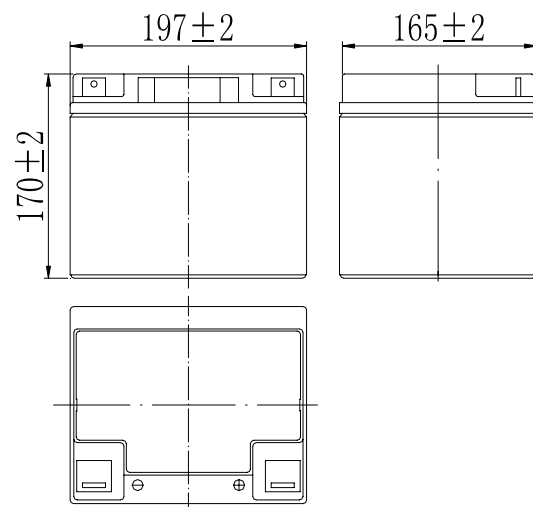
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	66.0	60.8	38.4	24.0	14.4	9.79	7.75	6.77	4.81	4.07	2.10
9.90V	64.0	59.3	37.6	23.6	14.3	9.73	7.71	6.73	4.79	4.06	2.09
10.2V	61.4	57.2	36.5	23.0	14.2	9.67	7.65	6.69	4.75	4.05	2.09
10.5V	58.7	55.2	35.6	22.6	14.0	9.60	7.60	6.64	4.72	4.03	2.07
10.8V	55.4	52.3	34.3	21.9	13.6	9.31	7.37	6.44	4.58	4.00	2.06

Constant Power Discharge Characteristics (Watt, 25°C)

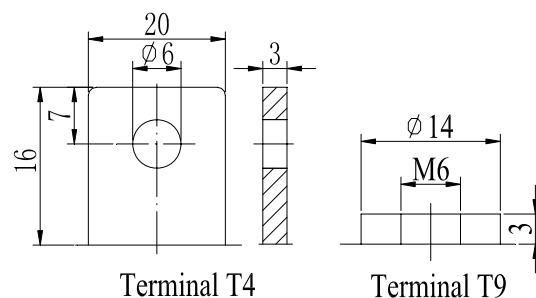
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	713	668	431	274	167	115	91.2	80.1	57.2	48.6	25.2
9.90V	691	652	422	269	166	114	90.6	79.6	56.9	48.5	25.1
10.2V	663	628	409	263	164	114	90.0	79.0	56.5	48.4	25.0
10.5V	634	606	399	257	162	113	89.4	78.5	56.1	48.1	24.9
10.8V	599	574	385	250	158	110	86.7	76.1	54.4	47.8	24.7

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

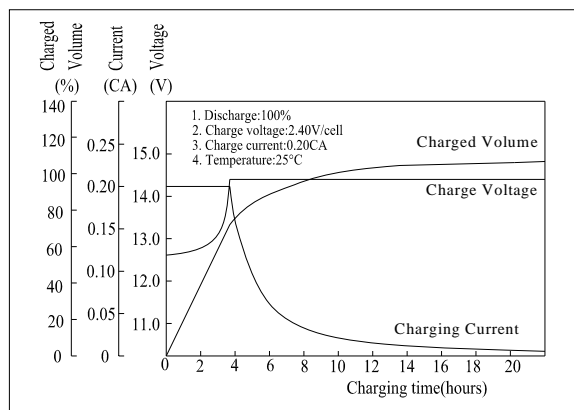
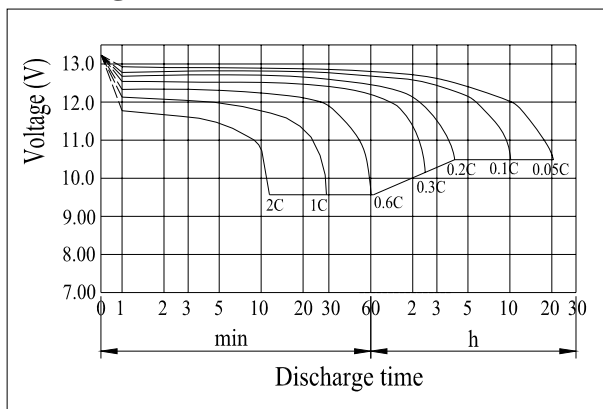
Dimensions



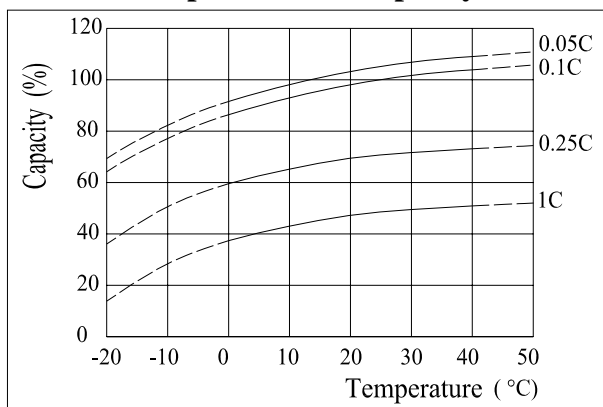
Terminal



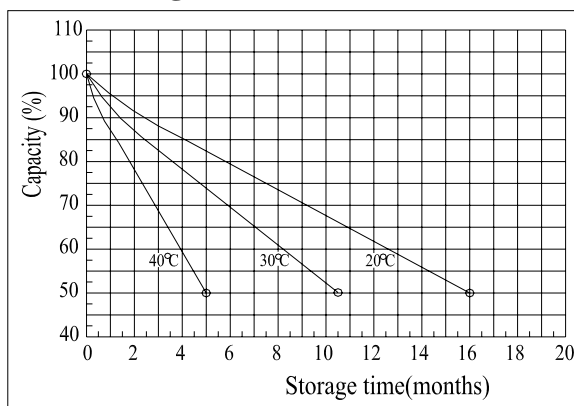
Discharge Characteristics(25°C)



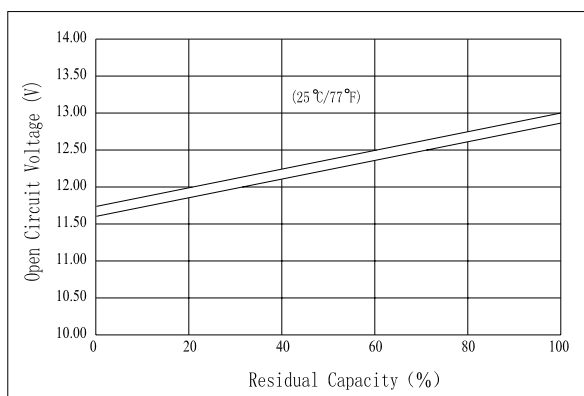
Effect of Temperature on Capacity



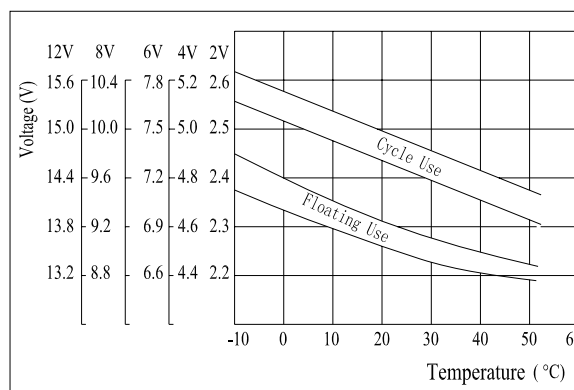
Self-discharge Characteristics



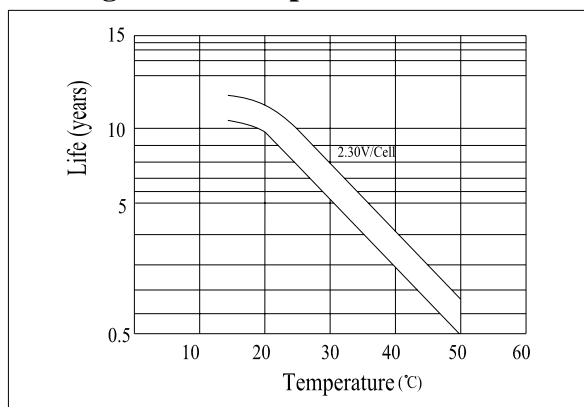
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

