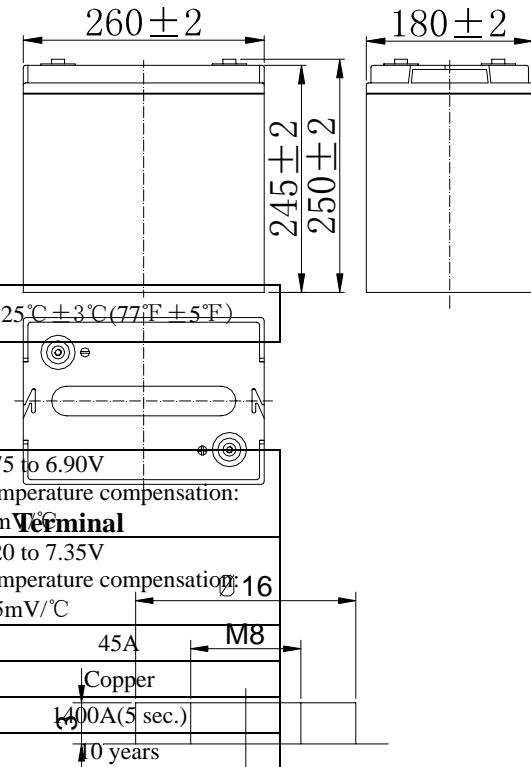


**Specifications**

Nominal Voltage		6 V
Capacity (25°C)	10HR(5.40V)	150 Ah
	5HR(5.25V)	123Ah
	1HR(4.80V)	93Ah
Dimension	Length	260±2mm (10.24inch)
	Width	180±2mm (7.09inch)
	Height	245±2mm (9.65inch)
	Total Height	250±2mm (9.84inch)
Approx. Weight		23.8kg (52.5lbs)±4%
Terminal type		T11
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	6.75 to 6.90V Temperature compensation: -9mV/°C
Cyclic charging voltage(25°C)	7.20 to 7.35V Temperature compensation: -15mV/°C	7.20 to 7.35V Temperature compensation: -15mV/°C
Maximum charging current	45A	45A
Terminal material	Copper	Copper
Maximum discharge current	1400A(5 sec.)	1400A(5 sec.)
Designed floating life(20°C)	10 years	10 years

**Dimensions**



**Terminal T11**

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

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

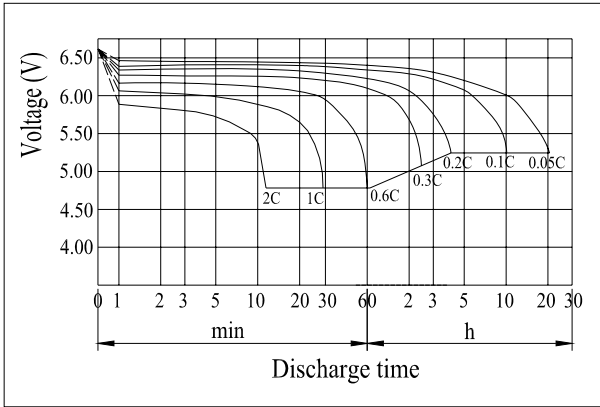
F.V/TIME	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	228	147	93	54.0	36.7	25.1	18.1	15.3	7.9
4.95V	223	144	92	53.7	36.5	24.9	17.9	15.2	7.85
5.10V	214	140	89	53.3	36.3	24.8	17.8	15.2	7.83
5.25V	207	136	88	52.5	36.0	24.6	17.7	15.1	7.78
5.40V	196	131	85	51.1	34.9	23.9	17.2	15.0	7.73

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

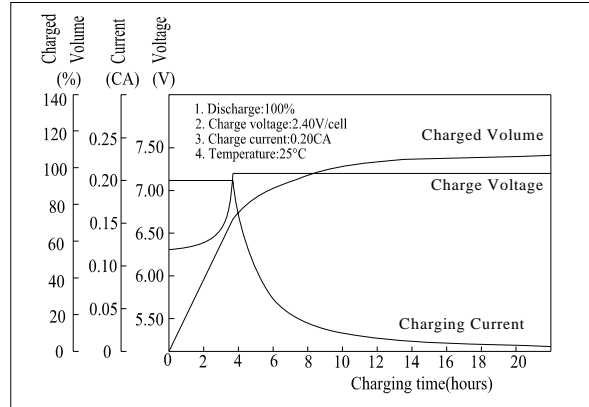
F.V/TIME	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	1252	825	530	313	216	148	107	91	47.2
4.95V	1222	808	522	311	215	147	107	91	47.1
5.10V	1177	783	509	308	213	146	106	91	47.0
5.25V	1137	764	499	304	212	145	105	90	46.7
5.40V	1076	736	483	296	205	141	102	90	46.4

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

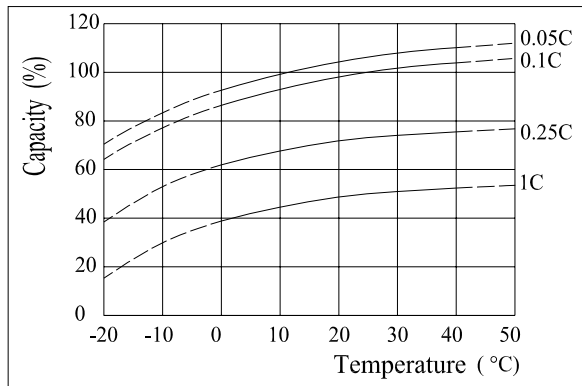
Discharge Characteristics(25°C)



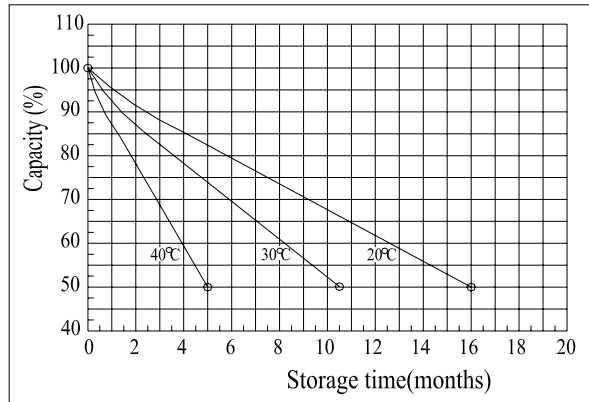
Charging Characteristics(25°C)



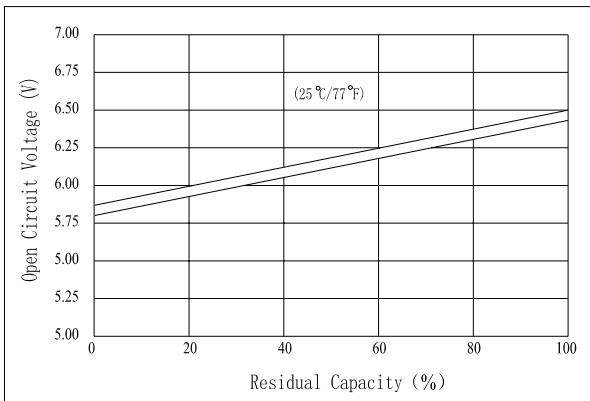
Effect of Temperature on Capacity



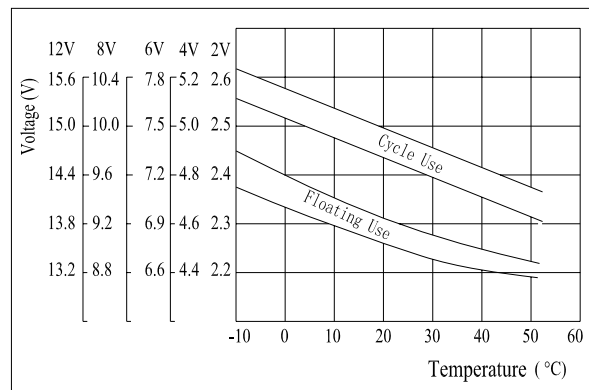
Self-discharge Characteristics



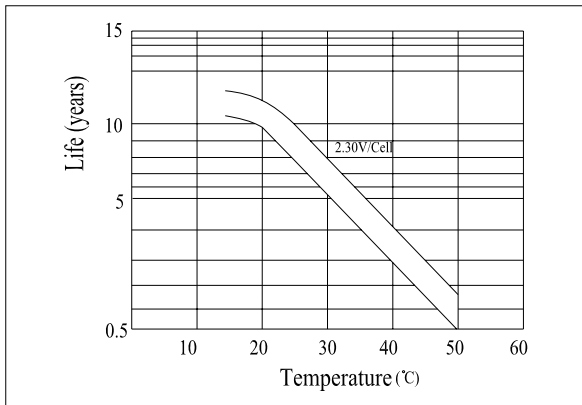
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

