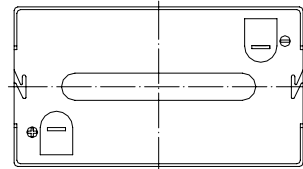
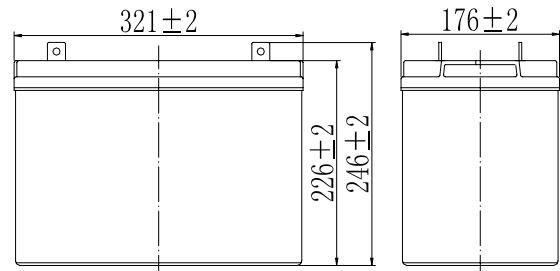


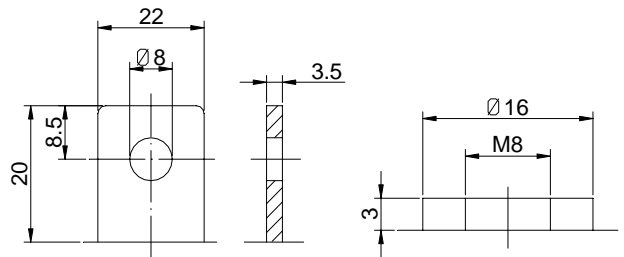
Specifications

Nominal Voltage		6 V
Capacity (25°C)	10HR(5.40V)	200 Ah
	5HR(5.25V)	175Ah
	1HR(4.80V)	125Ah
Dimension	Length	321 ± 2mm (12.64inch)
	Width	176 ± 2mm (6.93inch)
	Height	226 ± 2mm (8.90inch)
	Total Height	T5: 246 ± 2mm (9.69inch) T11: 229 ± 2mm (9.02inch)
Approx. Weight		30.5kg (67.3lbs) ± 4%
Terminal type		T5/T11
Internal resistance (Fully charged, 25°C)		Approx. 2m Ω
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
Cyclic charging voltage(25°C)		7.25 to 7.45V Temperature compensation: -15mV/°C
Maximum charging current		60A
Terminal material		Copper
Maximum discharge current		1600A(5 sec.)
Designed floating life(20°C)		7~10 years

Dimensions



Terminal



Terminal T5

Terminal T11

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

Constant Current Discharge Characteristics (A, 25°C)

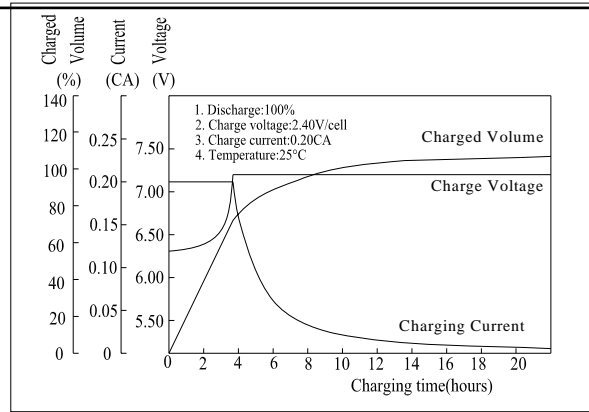
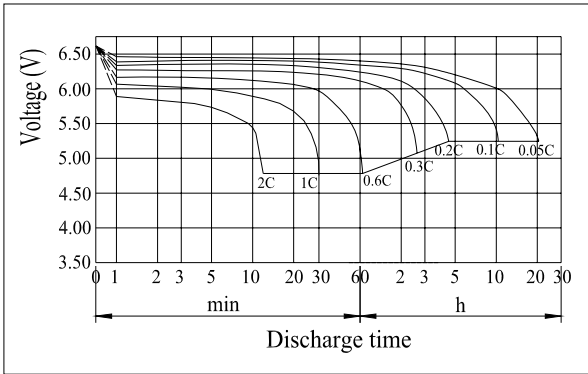
F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
4.80V	333	202	125	73.1	51.0	41.8	35.7	31.2	24.5	20.4	10.7
4.95V	325	198	123	72.6	50.7	41.6	35.5	31.0	24.3	20.3	10.7
5.10V	313	192	120	72.0	50.4	41.3	35.2	30.8	24.2	20.3	10.6
5.25V	303	187	118	70.9	50.0	41.0	35.0	30.6	24.0	20.1	10.6
5.40V	287	180	114	69.1	48.5	39.8	34.0	29.7	23.3	20.0	10.5

Constant Power Discharge Characteristics (Watt, 25°C)

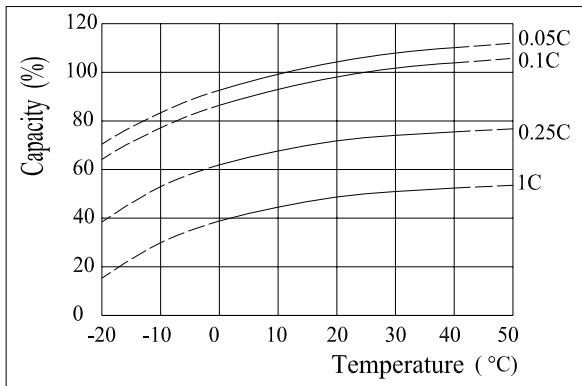
F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
4.80V	1830	1133	714	423	300	246	211	184	145	122	64.1
4.95V	1786	1111	703	421	298	244	210	183	145	121	64.0
5.10V	1720	1077	685	417	296	243	208	182	144	121	63.8
5.25V	1661	1050	672	411	294	241	207	181	143	120	63.4
5.40V	1574	1012	651	400	285	234	201	175	138	119	63.0

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

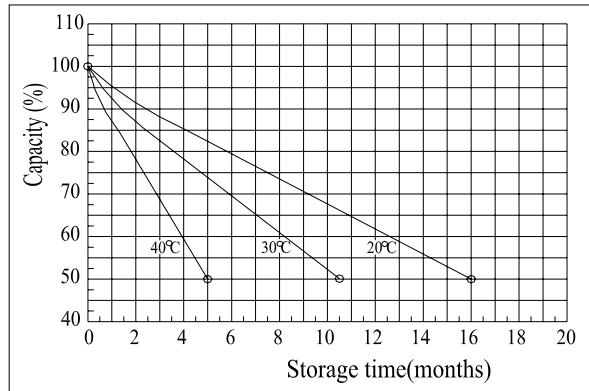
Discharge Characteristics(25°C)



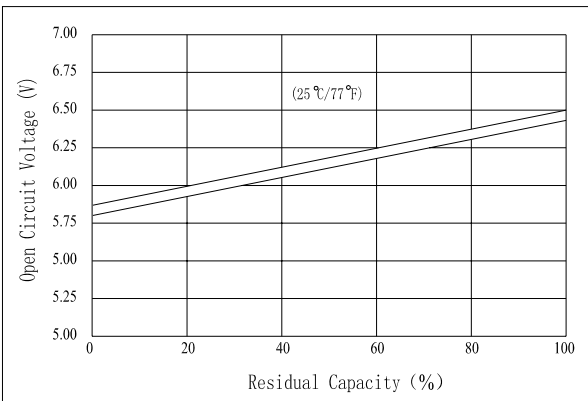
Effect of Temperature on Capacity



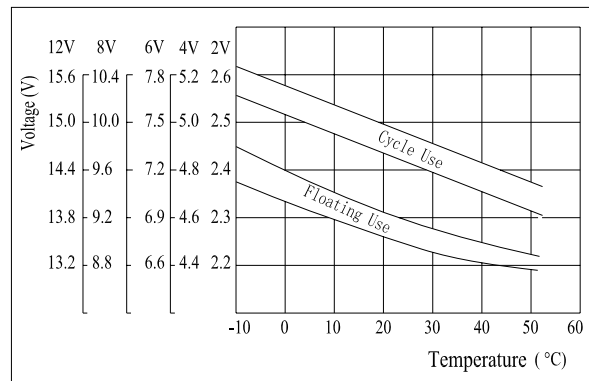
Self-discharge Characteristics



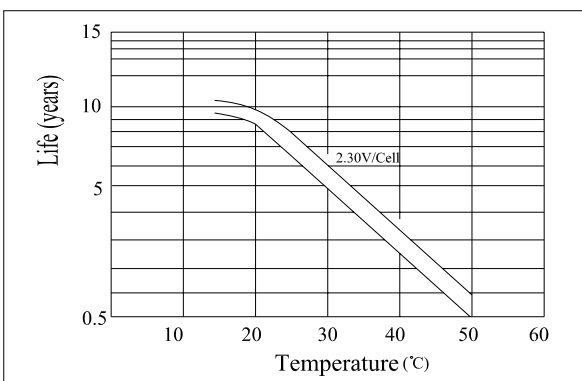
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



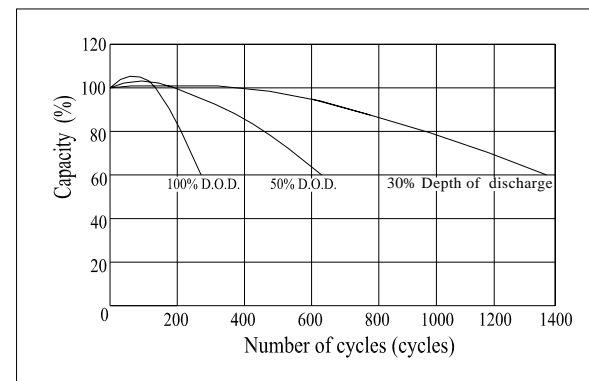
The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)



Charging Characteristics(25°C)