

Specifications

Nominal Voltage		6 V
Capacity (25°C)	10HR(5.40V)	150 Ah
	5HR(5.25V)	131Ah
	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		23.5kg (51.8lbs) ± 4%
Terminal type		T11
Internal resistance (Fully charged, 25°C)		Approx. 2.5m 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		45A
Terminal material		Copper
Maximum discharge current		1200A(5 sec.)
Designed floating life(20°C)		12 years

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

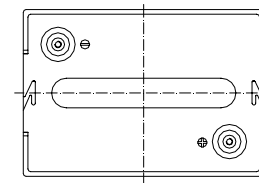
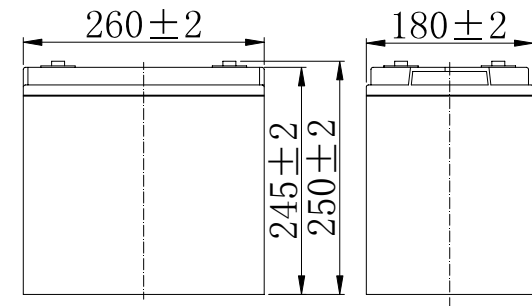
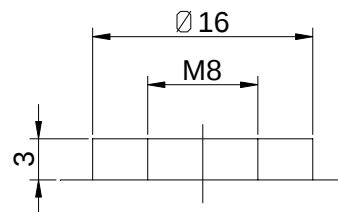
Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
4.80V	248	150	93.0	54.8	38.3	31.4	26.8	23.4	18.4	15.3	8.02
4.95V	242	147	91.6	54.5	38.0	31.2	26.6	23.3	18.3	15.2	8.00
5.10V	233	143	89.3	54.0	37.8	31.0	26.4	23.1	18.1	15.2	7.98
5.25V	225	139	87.5	53.2	37.5	30.8	26.3	23.0	18.0	15.1	7.93
5.40V	213	134	84.8	51.8	36.4	29.8	25.5	22.3	17.5	15.0	7.88

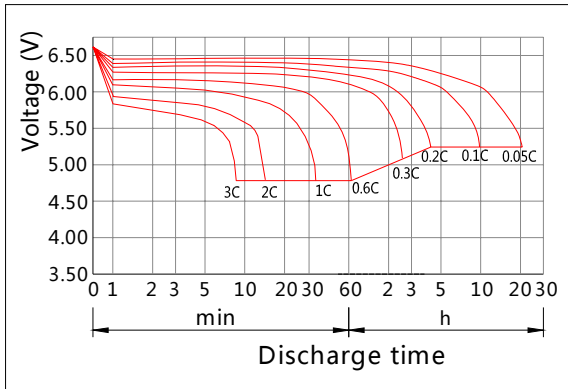
Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
4.80V	1359	842	530	317	225	184	158	138	109	91.2	48.1
4.95V	1326	825	522	315	224	183	157	138	108	91.0	48.0
5.10V	1277	799	509	313	222	182	156	137	108	90.7	47.9
5.25V	1234	780	499	308	221	181	155	136	107	90.2	47.6
5.40V	1169	751	483	300	214	175	150	132	104	89.6	47.3

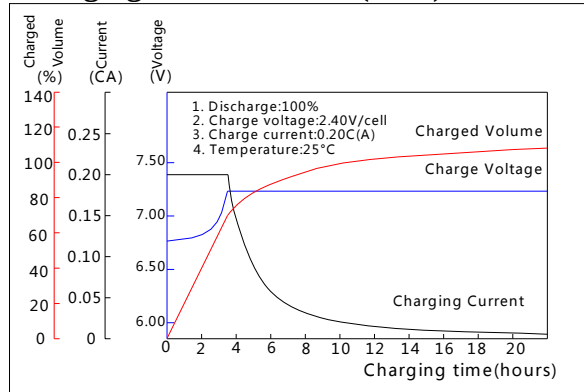
Note: The above characteristics data can be obtained within three charge/discharge cycles.

**Dimensions****Terminal****Terminal T11**

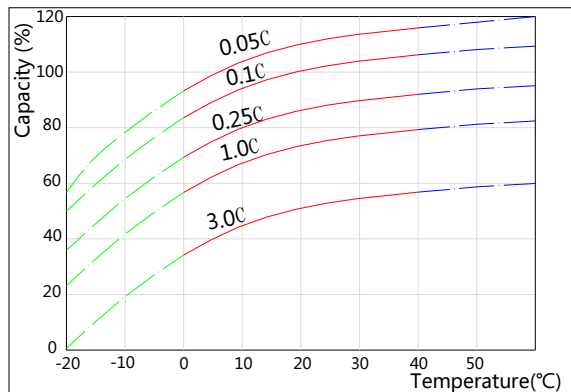
Discharge Characteristics(25°C)



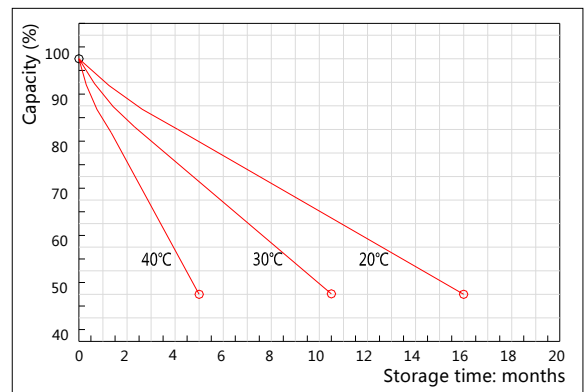
Charging Characteristics(25°C)



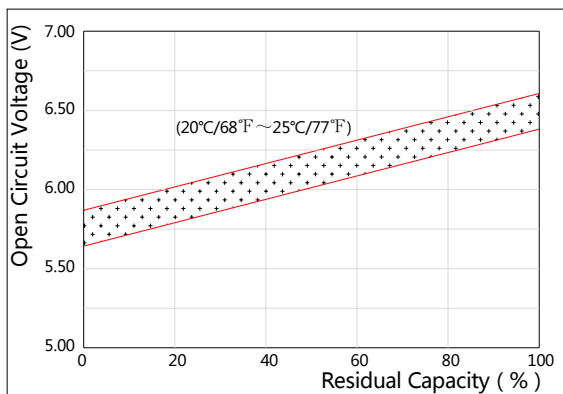
Effect of Temperature on Capacity



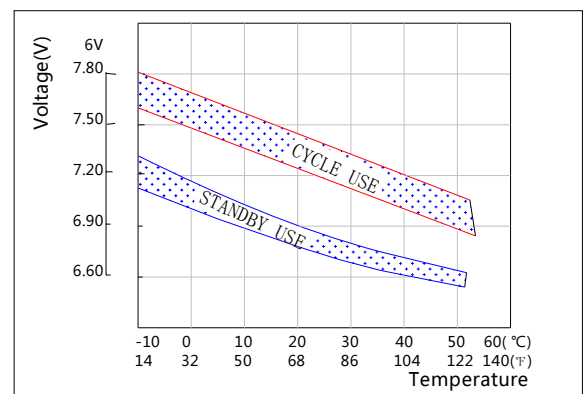
Self-discharge Characteristics



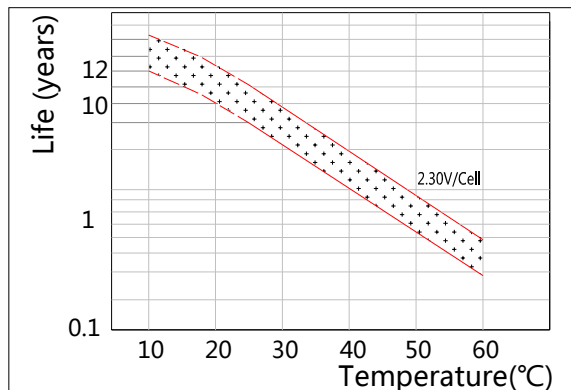
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

