

Specifications

Nominal Voltage		2 V
Capacity (25°C)	10HR(1.80V)	3000 Ah
	3HR(1.75V)	2160Ah
	1HR(1.75V)	1637Ah
Dimension	Length	710 ± 3mm (27.95inch)
	Width	352 ± 2mm (13.86inch)
	Height	345 ± 2mm (13.58inch)
	Total Height	382 ± 3mm (15.04inch)
Approx. Weight		186kg (410.1lbs) ± 3%
Terminal type		T10
Internal resistance (Fully charged, 25°C)		Approx. 0.13m 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)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.30 to 2.35V Temperature compensation: -5mV/°C
Maximum charging current		600A
Terminal material		Copper
Maximum discharge current		15000A(5 sec.)
Designed floating life(20°C)		18~20 years

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

Constant Current Discharge Characteristics (A, 25°C)

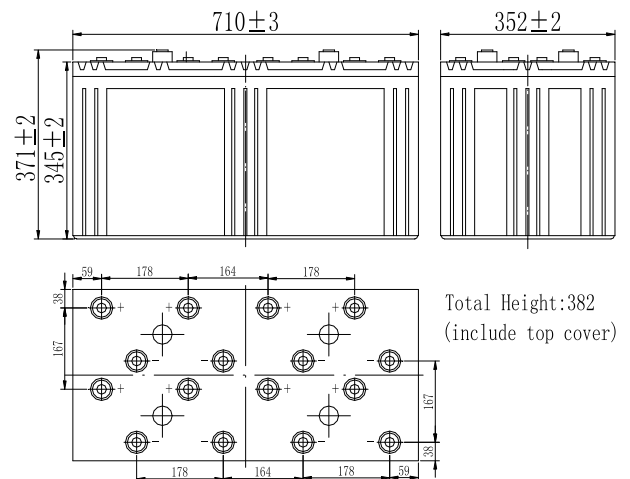
F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	2580	1740	1066	734	612	505	447	352	305	159	137
1.65V	2528	1714	1059	730	608	502	444	350	305	158	137
1.70V	2451	1670	1050	725	604	498	441	347	304	158	137
1.75V	2392	1637	1034	720	600	495	438	345	302	157	136
1.80V	2304	1587	1008	698	582	480	425	335	300	156	135

Constant Power Discharge Characteristics (Watt, 25°C)

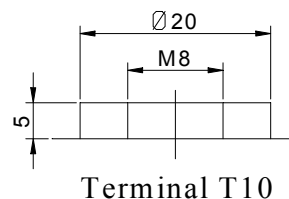
F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	4825	3306	2057	1439	1200	995	880	700	608	318	276
1.65V	4728	3256	2045	1431	1192	989	875	696	607	317	276
1.70V	4583	3174	2027	1421	1184	982	869	691	605	316	275
1.75V	4472	3111	1996	1411	1176	975	863	687	601	314	273
1.80V	4308	3015	1945	1369	1141	946	837	666	597	312	271

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

Dimensions

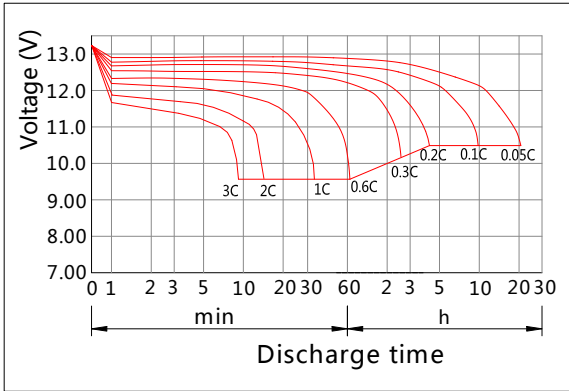


Terminal

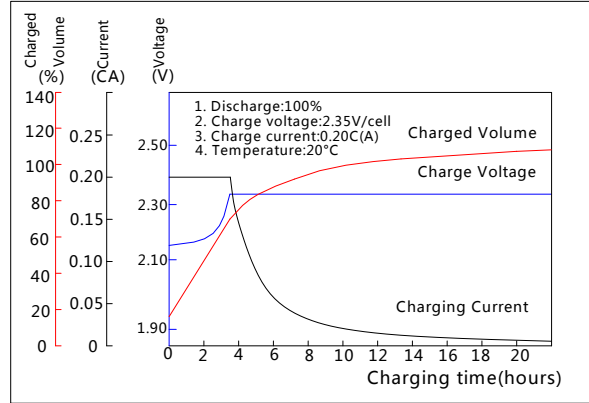


Terminal T10

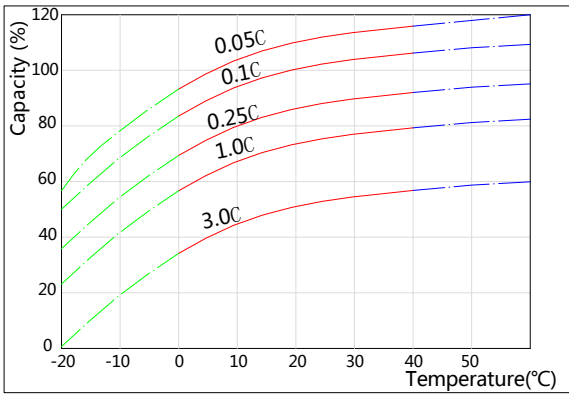
Discharge Characteristics(25°C)



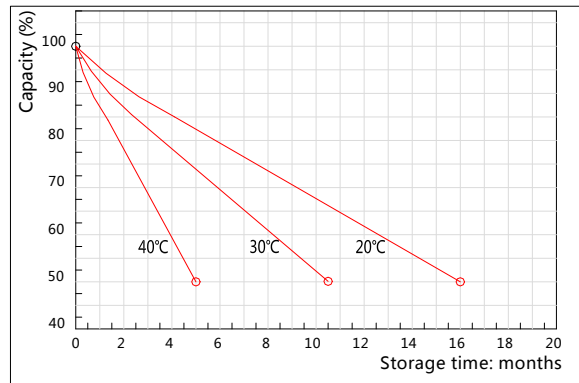
Charging Characteristics(25°C)



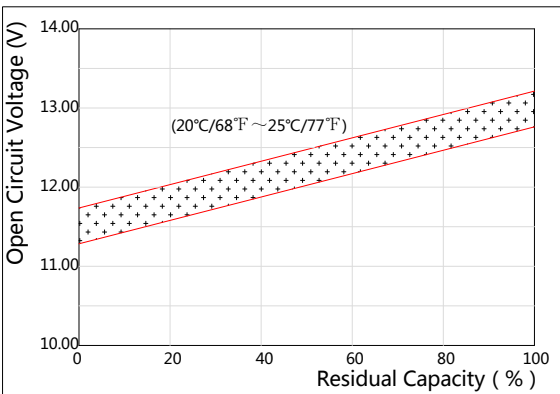
Effect of Temperature on Capacity



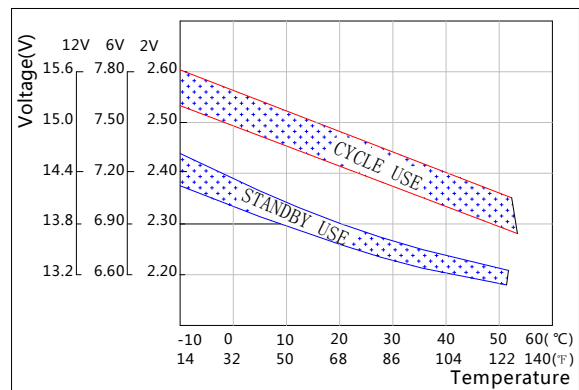
Self-discharge Characteristics



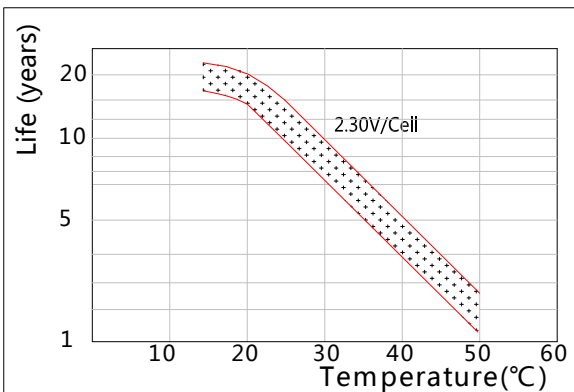
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

