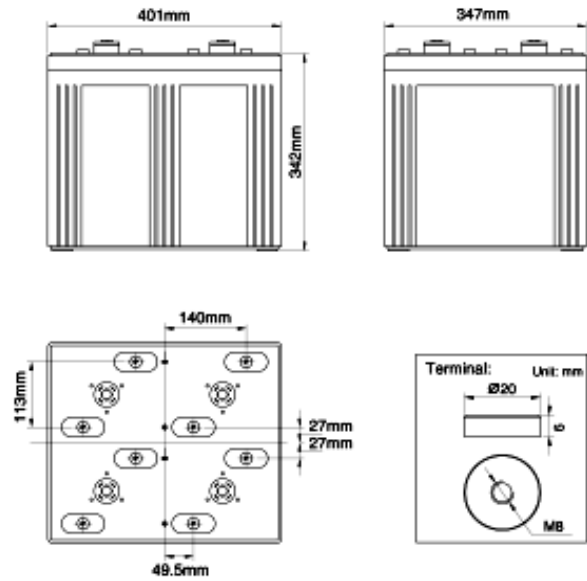


**Product Image**



**Product Dimensions**



**Characteristics**

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		1400Ah
Capacity 25°C (77 °F)	20 hour rate (74.2A)	1484Ah
	5 hour rate (247.4A)	1236.2Ah
	1 hour rate (770A)	770Ah
Internal Resistance	Full Charged Battery 25°C	≤0.13mΩ
Capacity affected by Temperature (10 hour )	40°C (104 °F)	102%
	25°C (77 °F)	100%
	0°C (32 °F)	85%
	-15°C (5 °F)	65%
Self-Discharge 25°C (77 °F) Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C (77 °F)	Float	Initial Charging Current Less than 225A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 225A Voltage 2.33-2.37V

**Packaging**

Battery Dimensions	Length	401mm
	Width	347mm
	Height	342mm
	Total Height	378mm
Box Dimensions	Length	892mm
	Width	420mm
	Height	513mm
Quantity Per Box		2 PC per box
Net weight Per Cell		75 kg±1000g
Net weight Per Box		150kg
Gross Weight		150.5kg

**Discharge Constant Current (Amperes at 77°F/25°C)**

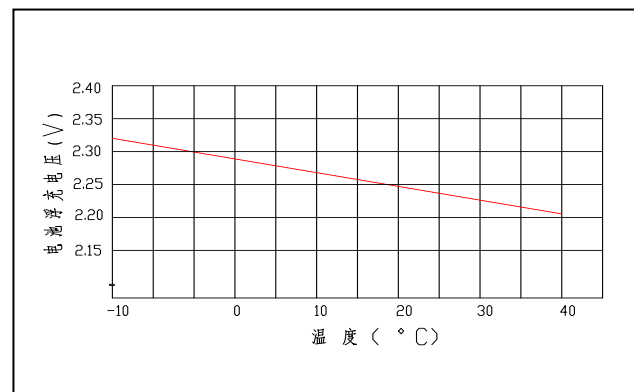
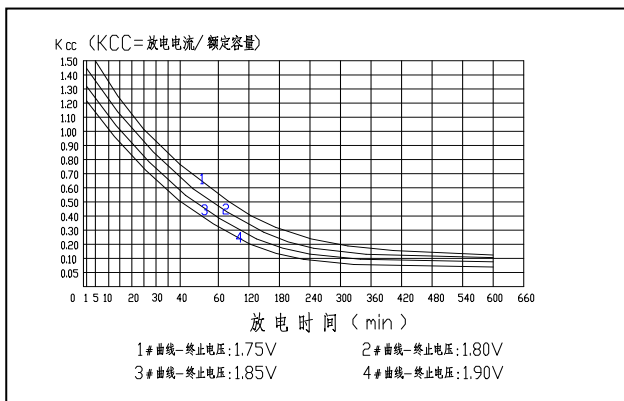
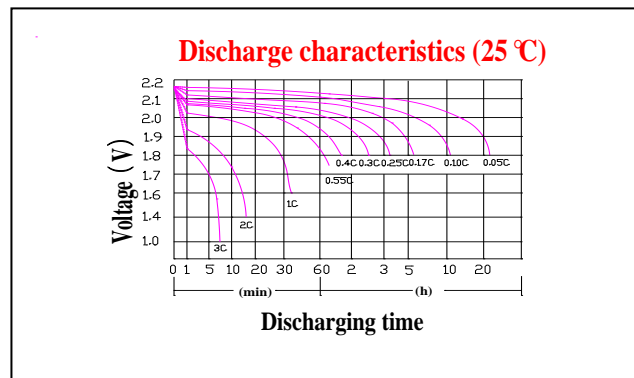
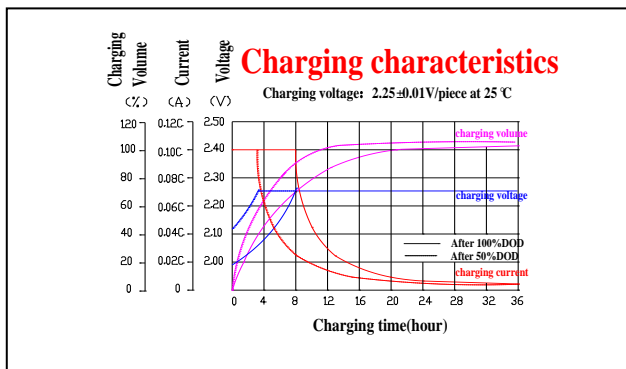
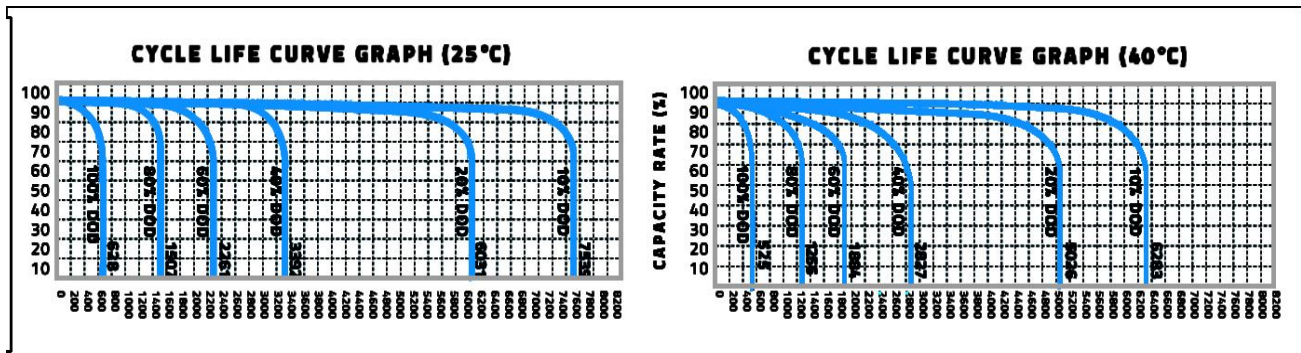
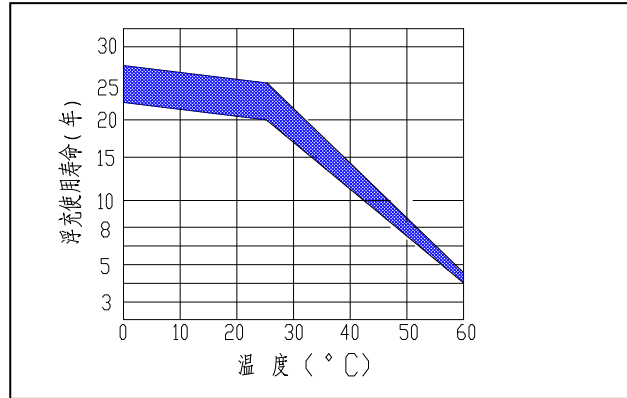
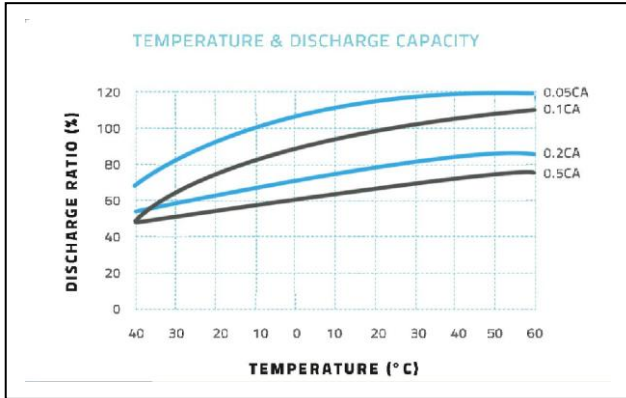
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	3912	2526	2094	1386	1032	847	539	385	262	172	154.0	81.6
1.65V	3840	2480	2056	1361	1013	832	529	378	257	169	151.2	80.1
1.70V	3769	2434	2018	1336	994	816	519	371	252	166	148.4	78.7
1.75V	3698	2388	1980	1310	976	801	510	364	248	163	145.6	77.2
1.80V	3556	2296	1904	1260	938	770	490	350	238	157	140.0	74.2

**Discharge Constant Power (Watts at 77°F 25°C)**

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	7530	4862	4032	2668	1986	1630	1038	741	504	332	296.5	157.1
1.65V	7393	4773	3958	2620	1950	1601	1019	728	495	326	291.1	154.3
1.70V	7256	4685	3885	2571	1914	1571	1000	714	486	320	285.7	151.4
1.75V	7119	4597	3812	2523	1878	1542	981	701	476	314	280.3	148.5
1.80V	6845	4420	3665	2426	1806	1482	943	674	458	302	269.5	142.8

**Note** The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact **CTD** for the latest information.

**Performance Characteristics**



**Battery Construction**

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Si-Rubber	Copper	Fiberglass	Silicon