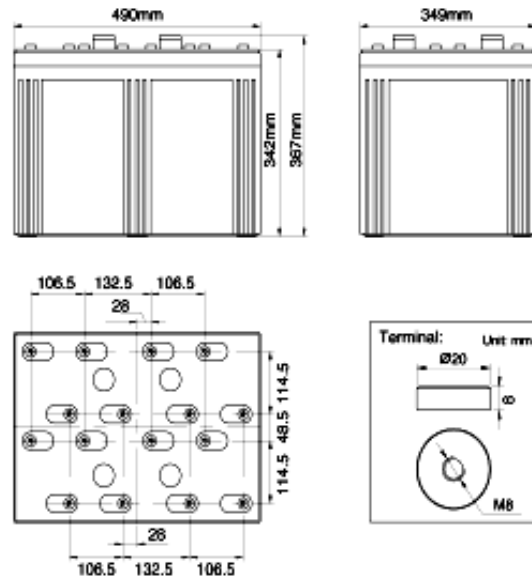


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		2200Ah
Capacity 25°C (77°F)	20 hour rate (116.6A)	2332Ah
	5 hour rate (388.5A)	1942.5Ah
	1 hour rate (1210A)	1210Ah
Internal Resistance	Full Charged Battery 25°C	≤0.12mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	-20°C (-4°F)	82%
	-35°C (-31°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 440A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 440A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	490mm
	Width	349mm
	Height	342mm
	Total Height	383mm
Box Dimensions	Length	1070mm
	Width	420mm
	Height	518mm
Quantity Per Box		2 PC per box
Net weight Per Cell		148 kg±3%
Net weight Per Box		298kg
Gross Weight		300kg

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

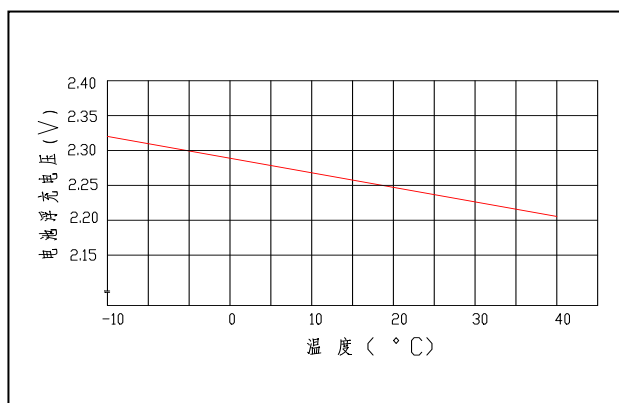
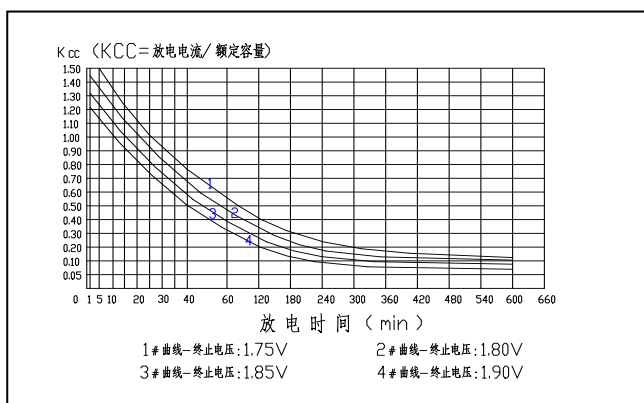
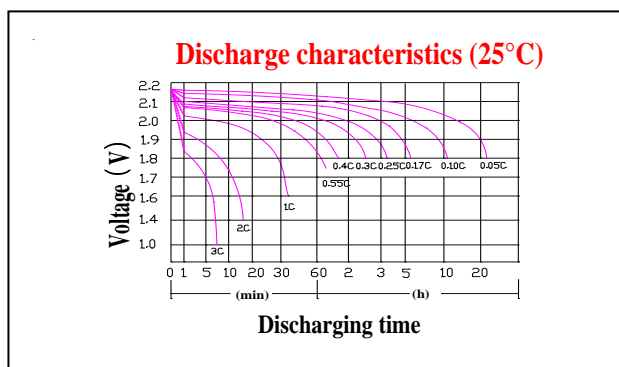
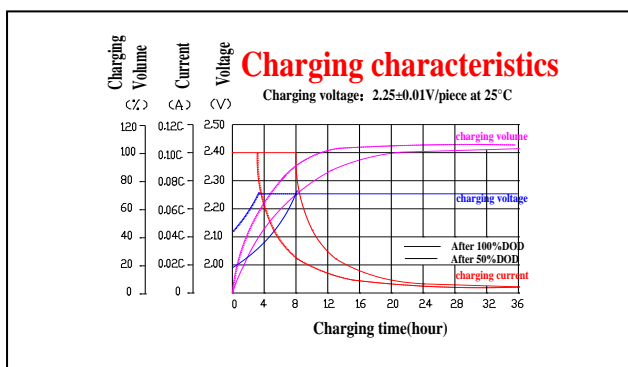
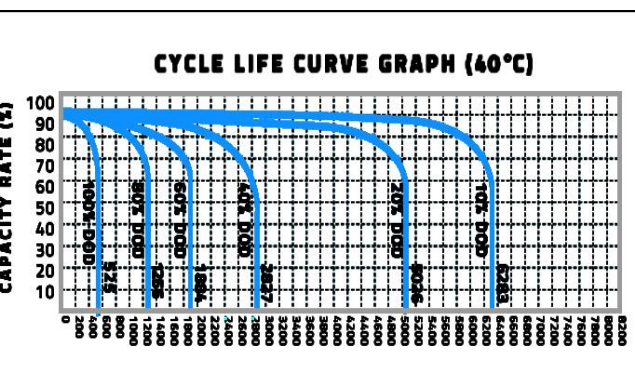
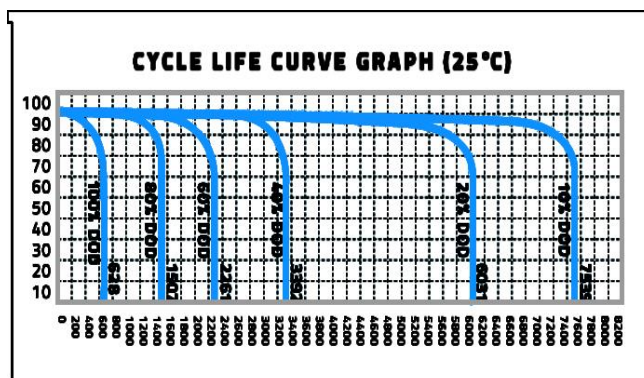
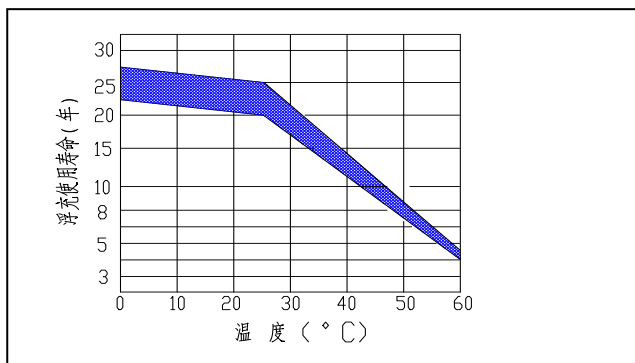
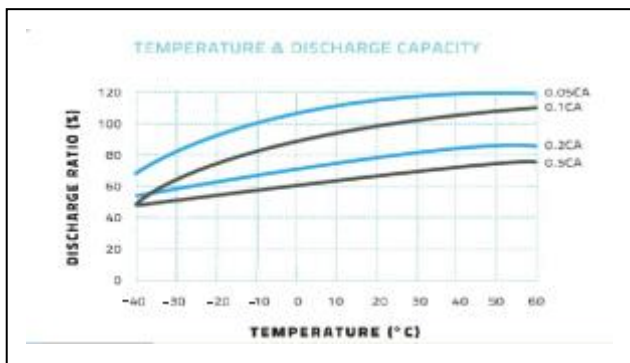
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	6358.0	4087.6	3405.6	2270.4	1628.0	1403.6	620.4	605.0	411.4	270.6	242.0	128.3
1.65V	6241.4	4012.8	3344.0	2228.6	1599.4	1377.2	607.2	594.0	404.8	266.2	237.6	125.8
1.70V	6127.0	3938.0	3280.2	2186.8	1568.6	1353.0	596.2	583.0	396.0	261.8	233.2	123.6
1.75V	6010.4	3865.4	3218.6	2147.2	1540.0	1326.6	585.2	572.0	389.4	255.2	228.8	121.2
1.80V	5779.4	3715.8	3095.4	2063.6	1480.6	1276.0	563.2	550.0	374.0	246.4	220.0	116.6

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	12238.6	7867.2	6553.8	4369.2	3135.0	2701.6	1192.4	1163.8	792.0	521.4	466.4	246.4
1.65V	12016.4	7724.2	6435.0	4290.0	3077.8	2653.2	1170.4	1144.0	776.6	512.6	457.6	242.0
1.70V	11792.0	7581.2	6316.2	4210.8	3020.6	2602.6	1148.4	1122.0	763.4	503.8	448.8	237.6
1.75V	11569.8	7438.2	6197.4	4131.6	2963.4	2554.2	1128.6	1102.2	748.0	492.8	440.0	233.2
1.80V	11125.4	7152.2	5957.6	3973.2	2851.2	2457.4	1084.6	1058.2	719.4	475.2	424.6	224.4

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 **US** 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	Lead

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