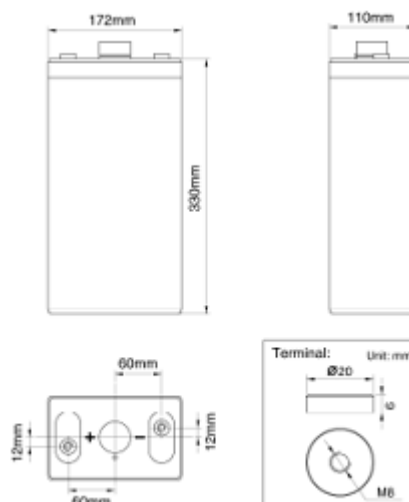


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		250Ah
Capacity 25°C (77°F)	20 hour rate (13.3A)	265Ah
	5 hour rate (44.2A)	221Ah
	1 hour rate (137.5A)	137.5Ah
Internal Resistance	Full Charged Battery 25°C	≤0.4mΩ
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 50A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 50A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	172mm
	Width	110mm
	Height	330mm
	Total Height	366mm
Box Dimensions	Length	186mm
	Width	124mm
	Height	422mm
Quantity Per Box		1 PC per box
Net weight Per Cell		16.3kg±200g
Net weight Per Box		16.3kg
Gross Weight		16.8kg

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

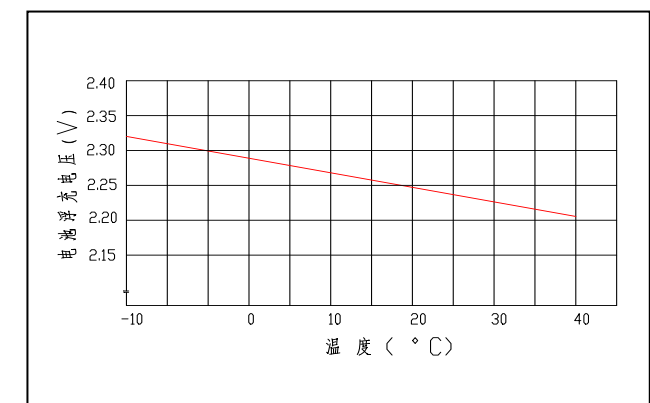
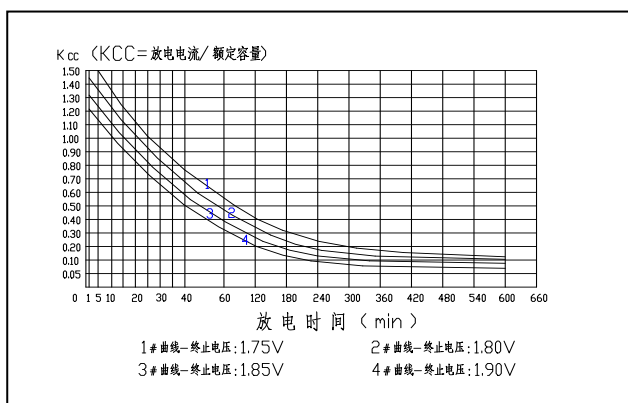
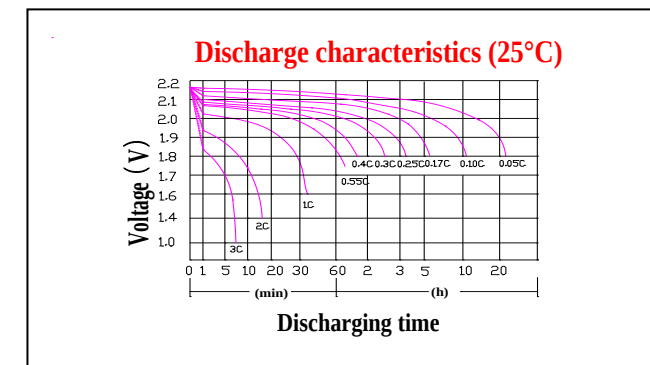
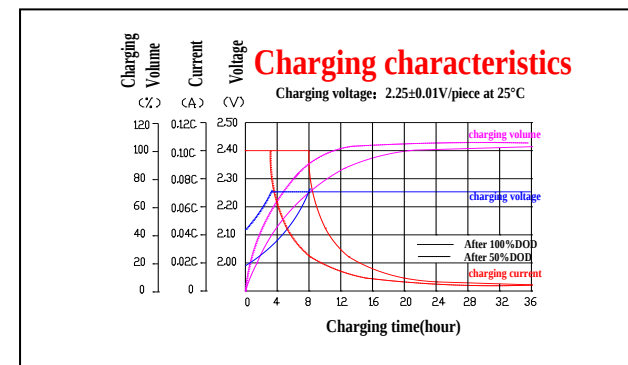
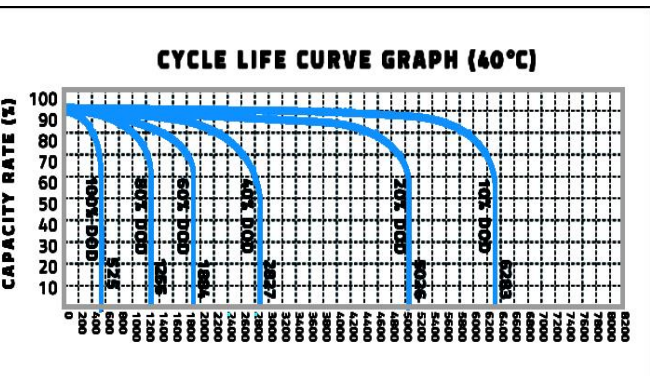
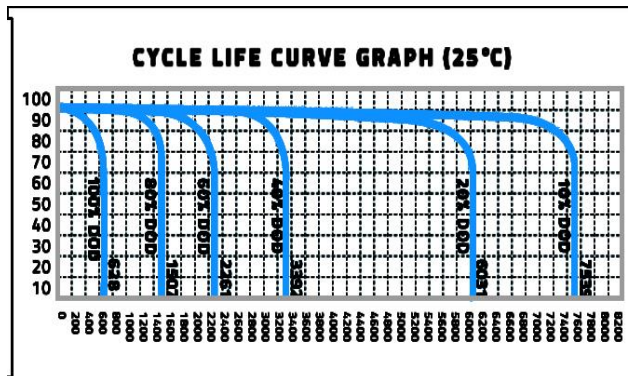
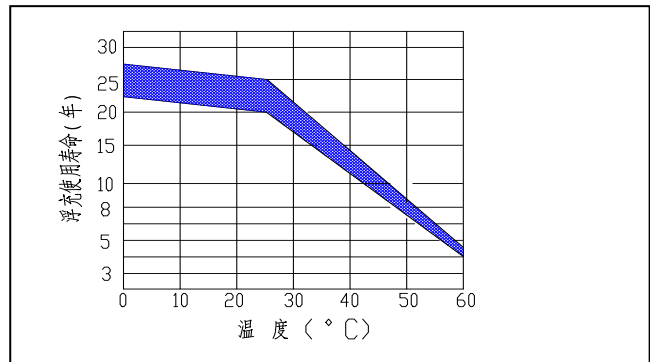
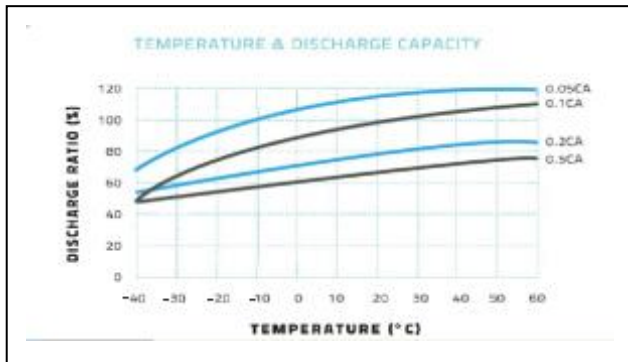
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	722.5	464.5	387.0	258.0	185.0	159.5	70.5	68.8	46.8	30.8	27.5	14.6
1.65V	709.3	456.0	380.0	253.3	181.8	156.5	69.0	67.5	46.0	30.3	27.0	14.3
1.70V	696.3	447.5	372.8	248.5	178.3	153.8	67.8	66.3	45.0	29.8	26.5	14.1
1.75V	683.0	439.3	365.8	244.0	175.0	150.8	66.5	65.0	44.3	29.0	26.0	13.8
1.80V	656.8	422.3	351.8	234.5	168.3	145.0	64.0	62.5	42.5	28.0	25.0	13.3

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

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1390.8	894.0	744.8	496.5	356.3	307.0	135.5	132.3	90.0	59.3	53.0	28.0
1.65V	1365.5	877.8	731.3	487.5	349.8	301.5	133.0	130.0	88.3	58.3	52.0	27.5
1.70V	1340.0	861.5	717.8	478.5	343.3	295.8	130.5	127.5	86.8	57.3	51.0	27.0
1.75V	1314.8	845.3	704.3	469.5	336.8	290.3	128.3	125.3	85.0	56.0	50.0	26.5
1.80V	1264.3	812.8	677.0	451.5	324.0	279.3	123.3	120.3	81.8	54.0	48.3	25.5

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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