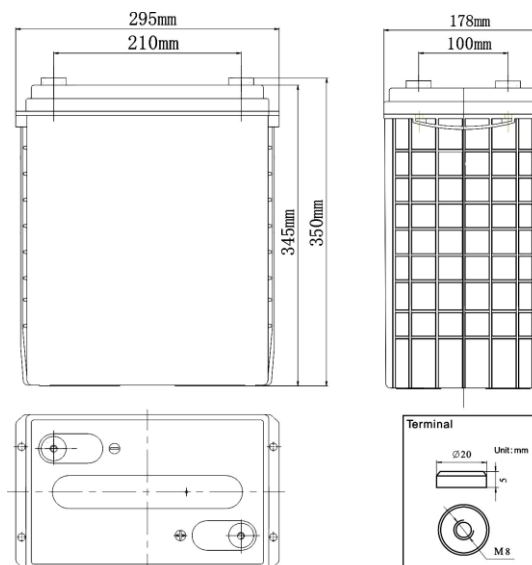


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (10 hour rate)		310Ah
Capacity 25°C (77°F)	20 hour rate (17.21A)	344.1Ah
	5 hour rate (56.73A)	283.7Ah
	1 hour rate (206.2A)	206.2Ah
Internal Resistance	Full Charged Battery 25°C	≤1.8m Ω
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 77.5A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 77.5A Voltage 7.2-7.45V

Packaging

Battery Dimensions	Length	295mm
	Width	178mm
	Height	345mm
	Total Height	350mm
Box Dimensions	Length	410mm
	Width	194mm
	Height	410mm
Quantity Per Box		1 PC per box
Net weight Per Cell		47.0 kg±500g
Net weight Per Box		47.0kg
Gross Weight		47.7kg

Discharge Constant Current per Cell (Amperes at 77°F25°C)

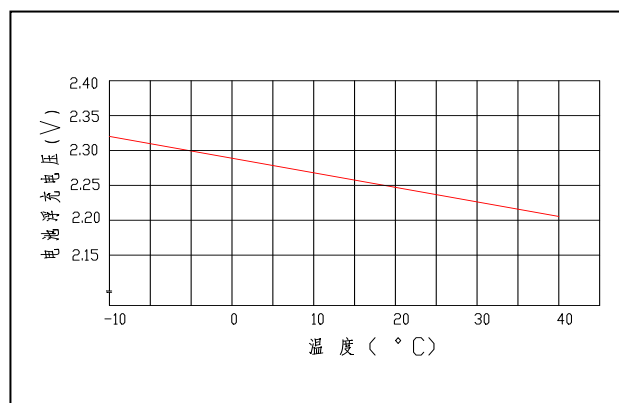
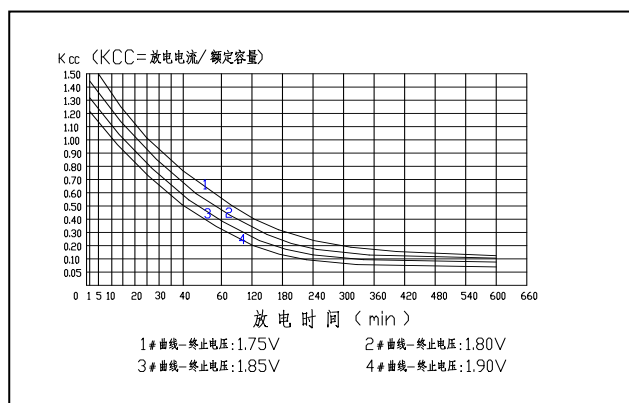
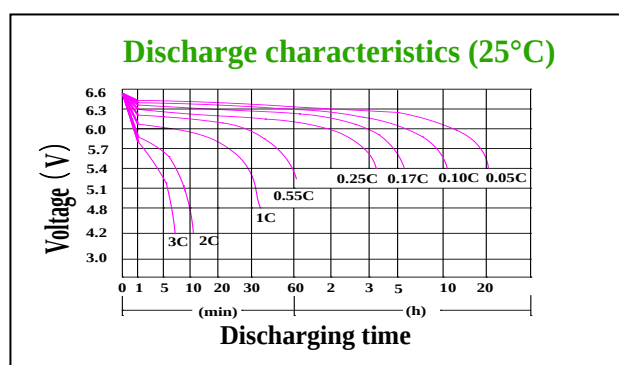
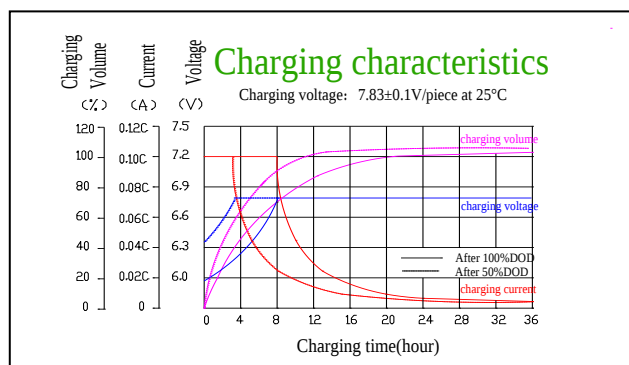
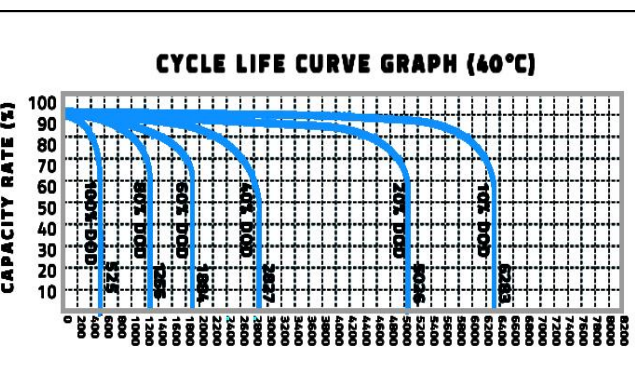
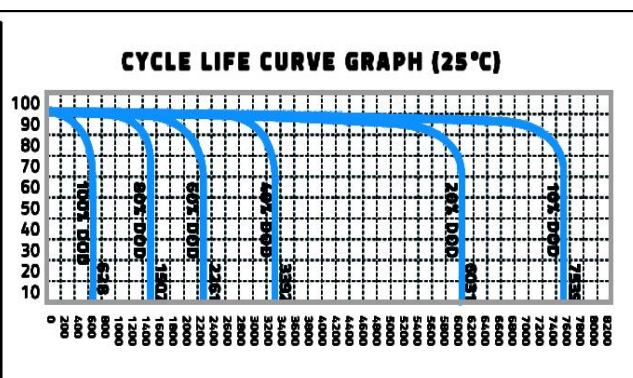
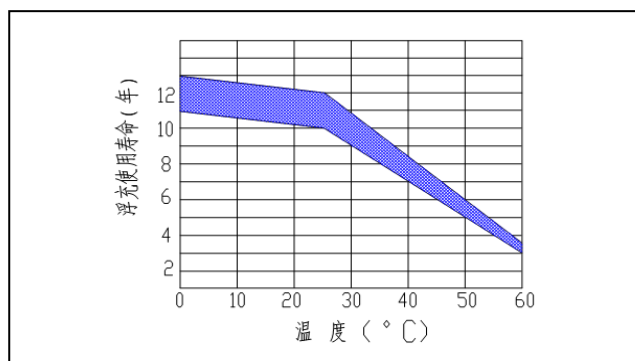
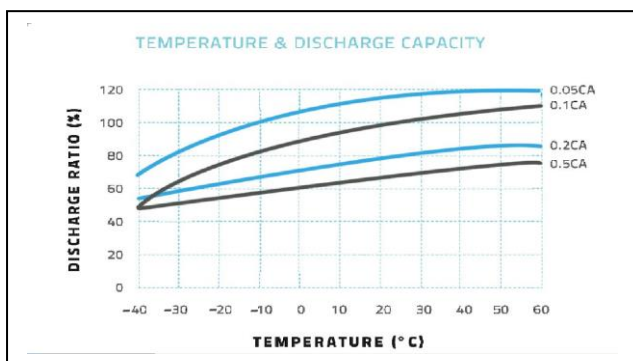
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1042.4	694.4	523.3	325.7	233.7	206.2	125.7	91.8	59.1	36.0	32.2	17.9
1.65V	961.0	640.2	501.6	317.0	227.5	200.7	123.4	90.3	58.3	35.8	31.9	17.7
1.70V	977.3	651.0	479.7	308.3	221.1	195.1	121.1	88.5	57.5	35.5	31.6	17.6
1.75V	863.2	575.1	458.0	299.5	214.9	189.7	118.2	86.4	56.6	35.1	31.3	17.4
1.80V	814.3	542.5	436.1	290.8	208.7	184.1	115.3	84.3	55.8	34.7	31.0	17.2

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	1944.1	1295.0	976.1	607.4	435.7	384.6	234.4	171.5	110.2	67.4	60.1	33.3
1.65V	1792.2	1193.9	935.4	591.1	424.1	374.3	230.2	168.2	108.7	66.7	59.5	33.1
1.70V	1822.6	1214.0	894.7	574.9	412.5	364.1	225.9	165.1	107.1	66.1	58.9	32.7
1.75V	1609.9	1072.4	854.1	558.6	400.7	353.8	220.5	161.2	105.6	65.5	58.3	32.4
1.80V	1518.8	1011.8	813.4	542.3	389.1	343.3	215.1	157.3	104.0	64.7	57.7	32.2

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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