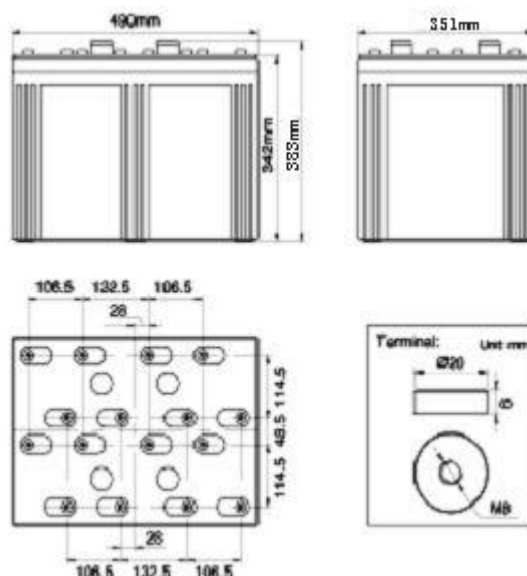


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		1800Ah
Capacity 25°C (77°F)	20 hour rate (95.4A)	1908Ah
	5 hour rate (318A)	1590Ah
	1 hour rate (1197A)	990Ah
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%
	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 300A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 300A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	490mm
	Width	351mm
	Height	343mm
	Total Height	383mm
Box Dimensions	Length	1070mm
	Width	420mm
	Height	518mm
Quantity Per Box		2 PC per box
Net weight Per Cell		104 kg±3%
Net weight Per Box		210kg
Gross Weight		213kg

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

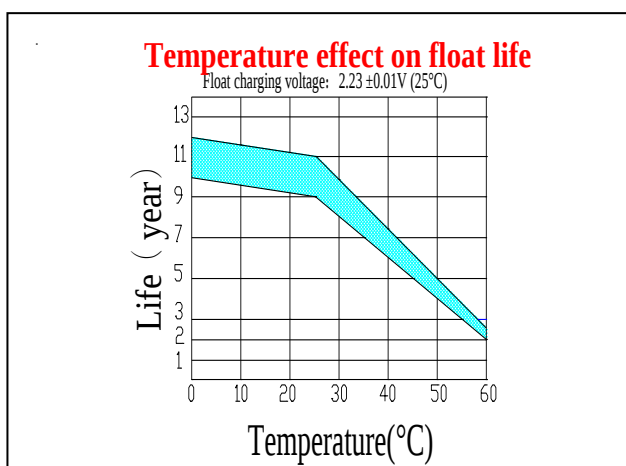
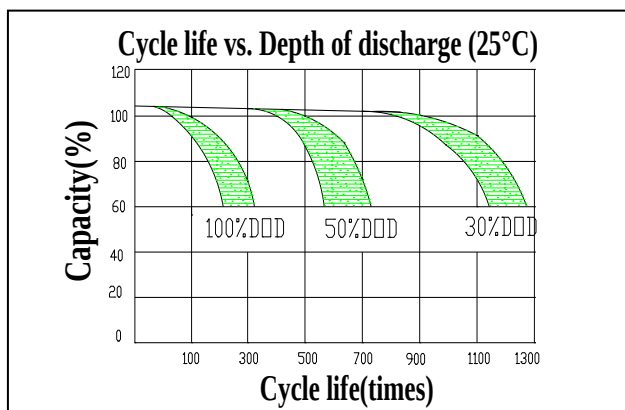
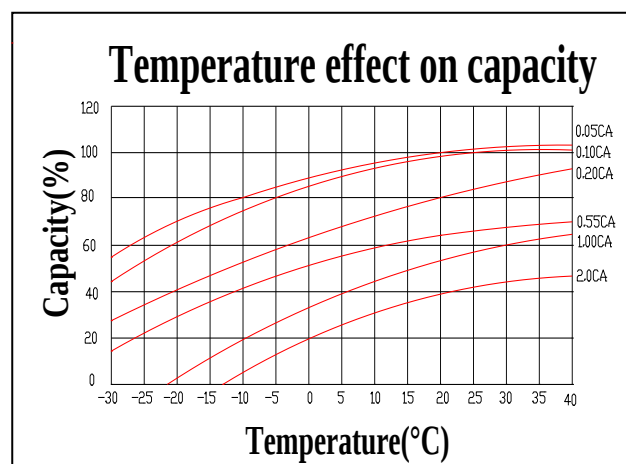
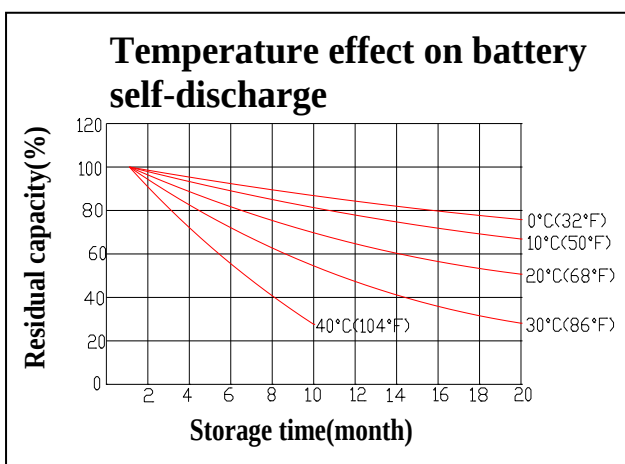
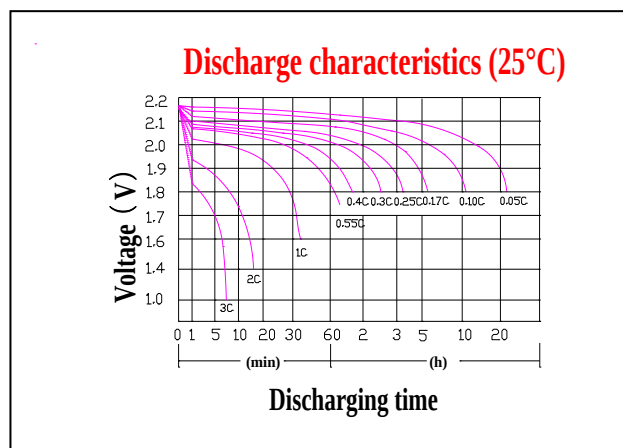
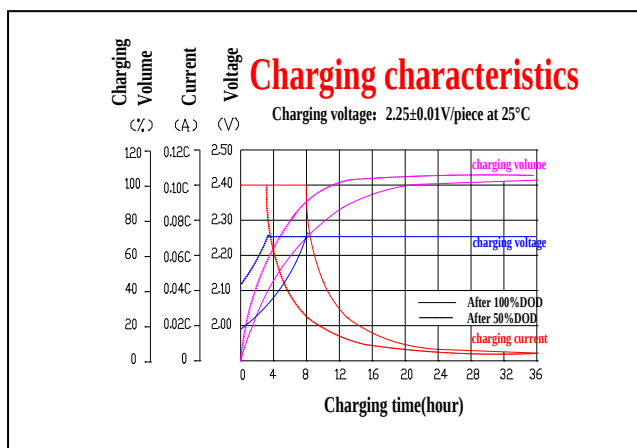
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	5202.0	3344.4	2786.4	1857.6	1332.0	1148.4	507.6	495.0	336.6	221.4	198.0	104.9
1.65V	5106.6	3283.2	2736.0	1823.4	1308.6	1126.8	496.8	486.0	331.2	217.8	194.4	103.0
1.70V	5013.0	3222.0	2683.8	1789.2	1283.4	1107.0	487.8	477.0	324.0	214.2	190.8	101.2
1.75V	4917.6	3162.6	2633.4	1756.8	1260.0	1085.4	478.8	468.0	318.6	208.8	187.2	99.2
1.80V	4728.6	3040.2	2532.6	1688.4	1211.4	1044.0	460.8	450.0	306.0	201.6	180.0	95.4

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	10013.4	6436.8	5362.2	3574.8	2565.0	2210.4	975.6	952.2	648.0	426.6	381.6	201.6
1.65V	9831.6	6319.8	5265.0	3510.0	2518.2	2170.8	957.6	936.0	635.4	419.4	374.4	198.0
1.70V	9648.0	6202.8	5167.8	3445.2	2471.4	2129.4	939.6	918.0	624.6	412.2	367.2	194.4
1.75V	9466.2	6085.8	5070.6	3380.4	2424.6	2089.8	923.4	901.8	612.0	403.2	360.0	190.8
1.80V	9102.6	5851.8	4874.4	3250.8	2332.8	2010.6	887.4	865.8	588.6	388.8	347.4	183.6

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	Lead	Fiberglass	Sulfuric acid

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