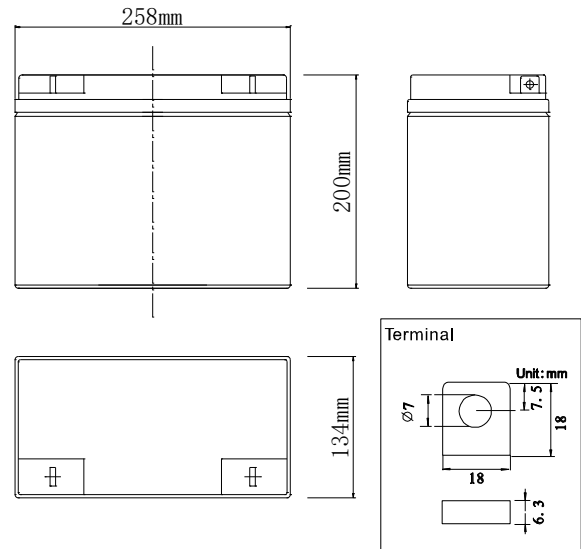


### Product Image



### Product Dimensions



### Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		55Ah
Capacity 25°C (77°F)	20 hour rate (3.1A)	61.1Ah
	5 hour rate (10.1A)	50.3Ah
	1 hour rate (36.6A)	36.6Ah
Internal Resistance	Full Charged Battery 25°C	≤8.4mΩ
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 12.5A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 12.5A Voltage 14.4-14.9V

### Packaging

Battery Dimensions	Length	258mm
	Width	134mm
	Height	200mm
	Total Height	200mm
Box Dimensions	Length	273mm
	Width	149mm
	Height	245mm
Quantity Per Box		1 PC per box
Net weight Per Cell		16.3 kg±2100g
Net weight Per Box		16.3kg
Gross Weight		16.7kg

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

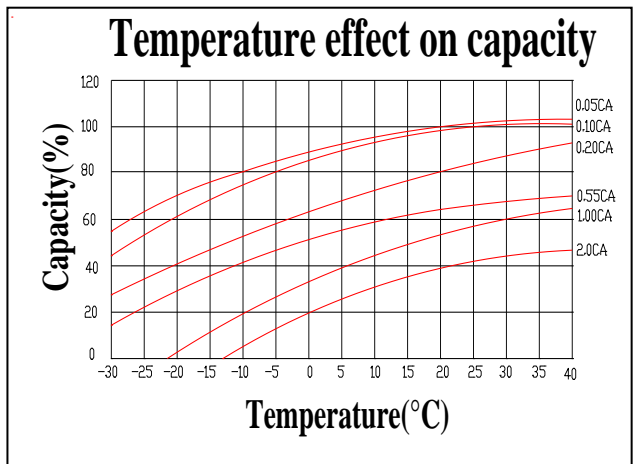
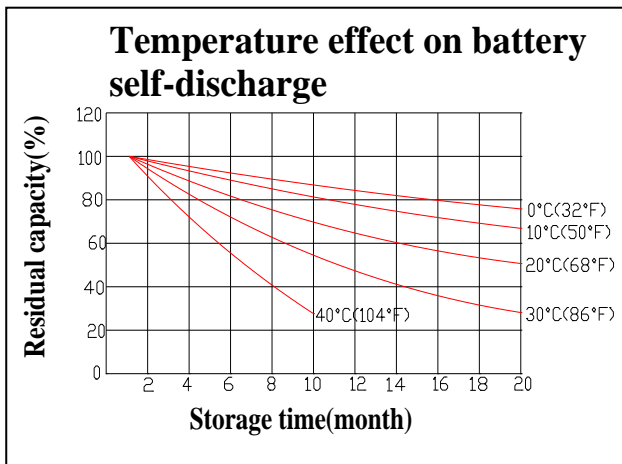
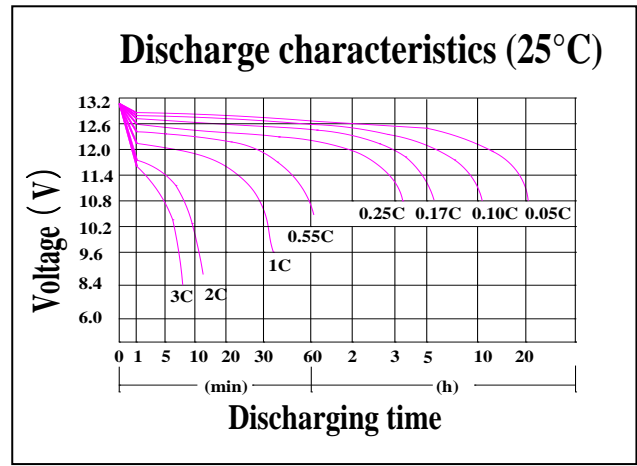
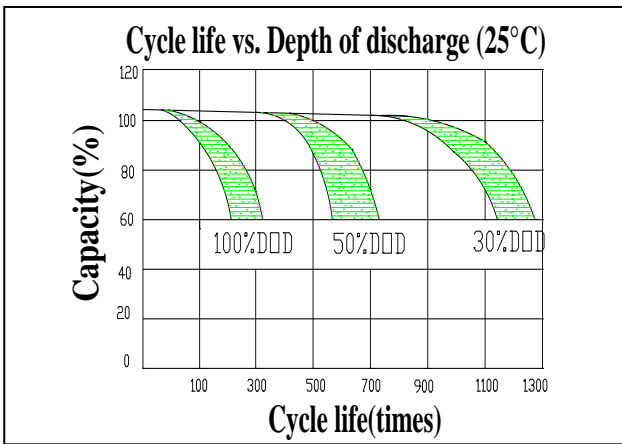
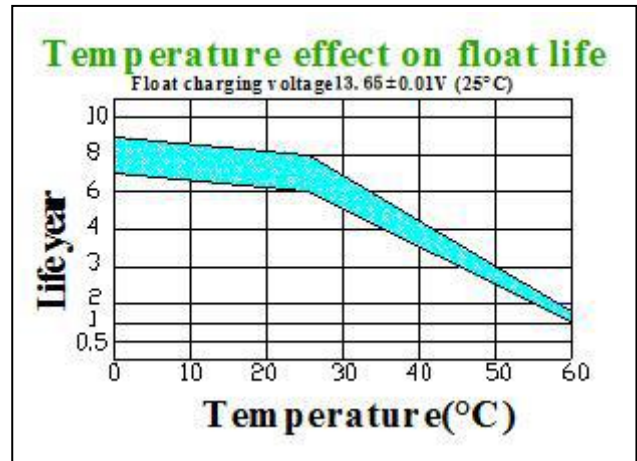
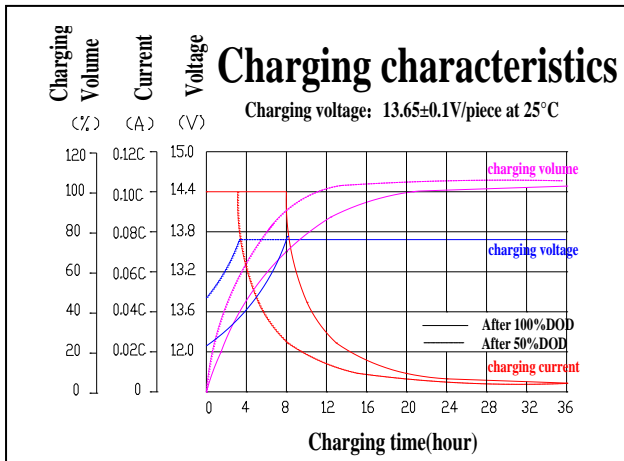
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	159.0	102.2	85.1	56.8	40.7	35.1	15.5	15.1	10.3	6.8	6.1	3.2
1.65V	156.0	100.3	83.6	55.7	40.0	34.4	15.2	14.9	10.1	6.7	5.9	3.1
1.70V	153.2	98.5	82.0	54.7	39.2	33.8	14.9	14.6	9.9	6.5	5.8	3.1
1.75V	150.3	96.6	80.5	53.7	38.5	33.2	14.6	14.3	9.7	6.4	5.7	3.0
1.80V	144.5	92.9	77.4	51.6	37.0	31.9	14.1	13.8	9.4	6.2	5.5	2.9

### 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	306.0	196.7	163.8	109.2	78.4	67.5	29.8	29.1	19.8	13.0	11.7	6.2
1.65V	300.4	193.1	160.9	107.3	76.9	66.3	29.3	28.6	19.4	12.8	11.4	6.1
1.70V	294.8	189.5	157.9	105.3	75.5	65.1	28.7	28.1	19.1	12.6	11.2	5.9
1.75V	289.2	186.0	154.9	103.3	74.1	63.9	28.2	27.6	18.7	12.3	11.0	5.8
1.80V	278.1	178.8	148.9	99.3	71.3	61.4	27.1	26.5	18.0	11.9	10.6	5.6

**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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