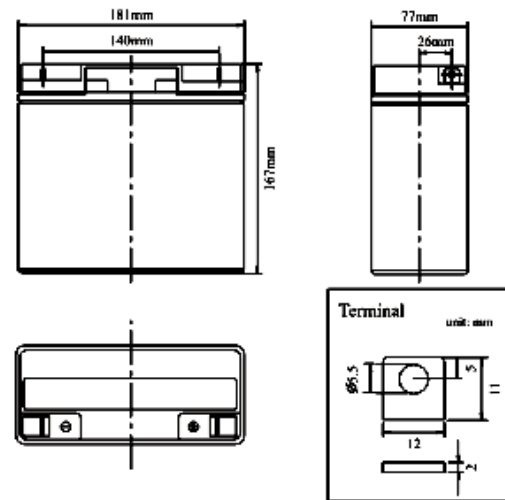


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V	
Nominal Capacity (20 hour rate)		20Ah	
Capacity 25°C (77°F)	10 hour rate (1.91A)	19.14Ah	
	5 hour rate (3.56A)	17.8Ah	
	1 hour rate (13.2A)	13.2Ah	
Internal Resistance	Full Charged Battery 25°C	≤12m Ω	
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)	after 3 month storage	90%	
	after 6 month storage	80%	
Capacity		after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 6A Voltage 13.6-13.8V	
	Cycle	Initial Charging Current Less than 6A Voltage 14.4-15.0V	

Packaging

Battery Dimensions	Length	181mm
	Width	77mm
	Height	167mm
	Total Height	167mm
Box Dimensions	Length	318mm
	Width	195mm
	Height	187mm
Quantity Per Box		4 pcs per box
Net weight Per Cell		5.5 kg±150g
Net weight Per Box		22kg
Gross Weight		22.5kg

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

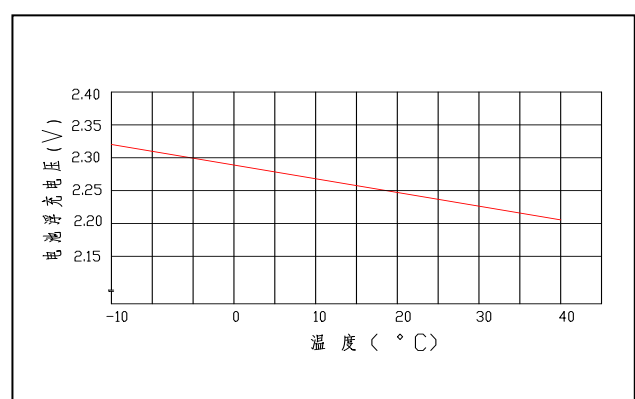
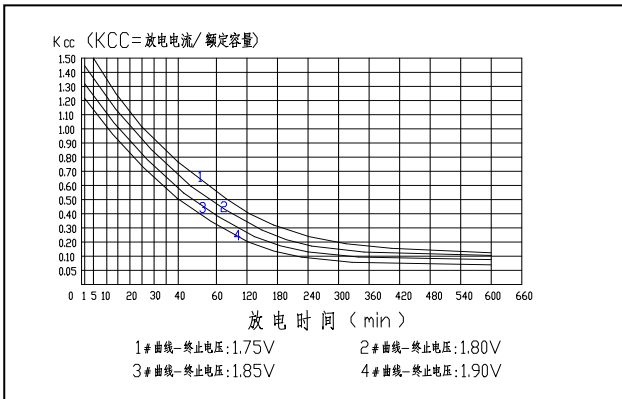
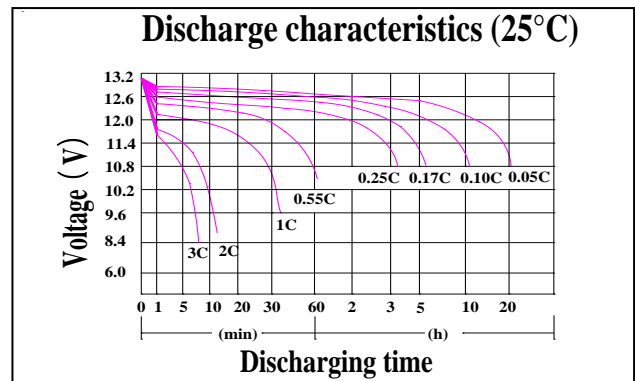
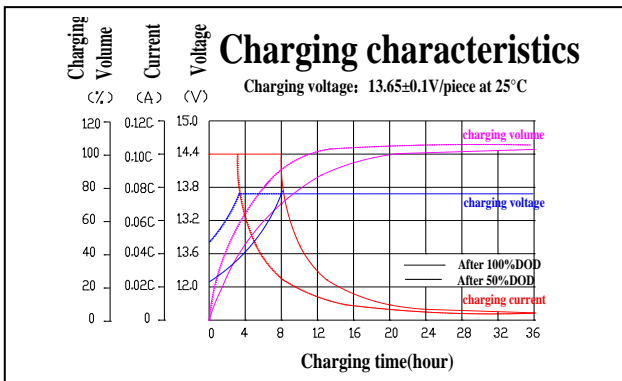
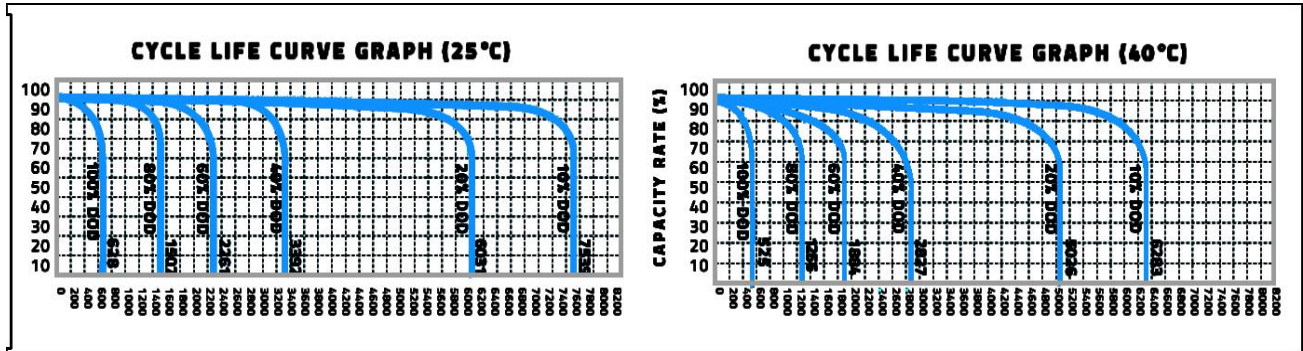
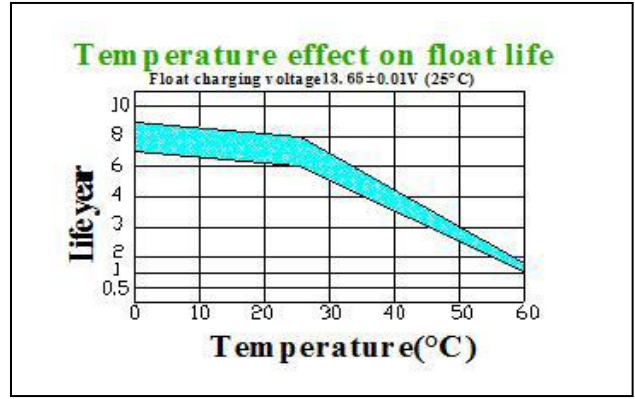
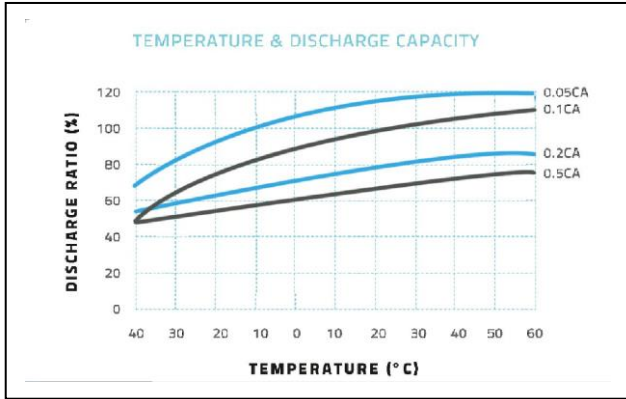
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	57.80	37.16	30.96	20.64	14.80	12.76	5.64	5.50	3.74	2.46	2.20	1.17
1.65V	56.74	36.48	30.40	20.26	14.54	12.52	5.52	5.40	3.68	2.42	2.16	1.14
1.70V	55.70	35.80	29.82	19.88	14.26	12.30	5.42	5.30	3.60	2.38	2.12	1.12
1.75V	54.64	35.14	29.26	19.52	14.00	12.06	5.32	5.20	3.54	2.32	2.08	1.10
1.80V	52.54	33.78	28.14	18.76	13.46	11.60	5.12	5.00	3.40	2.24	2.00	1.06

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	111.26	71.52	59.58	39.72	28.50	24.56	10.84	10.58	7.20	4.74	4.24	2.24
1.65V	109.24	70.22	58.50	39.00	27.98	24.12	10.64	10.40	7.06	4.66	4.16	2.20
1.70V	107.20	68.92	57.42	38.28	27.46	23.66	10.44	10.20	6.94	4.58	4.08	2.16
1.75V	105.18	67.62	56.34	37.56	26.94	23.22	10.26	10.02	6.80	4.48	4.00	2.12
1.80V	101.14	65.02	54.16	36.12	25.92	22.34	9.86	9.62	6.54	4.32	3.86	2.04

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	Silicon

Guangdong JiYi General Electric Co., Ltd

Oversea sales office Tel: +86-020-84869873

Fax: +86-020-34628335

Domestic sales office Tel: 020-34628335

Fax: 020-34628335

E-mail:ge@gerch.cn