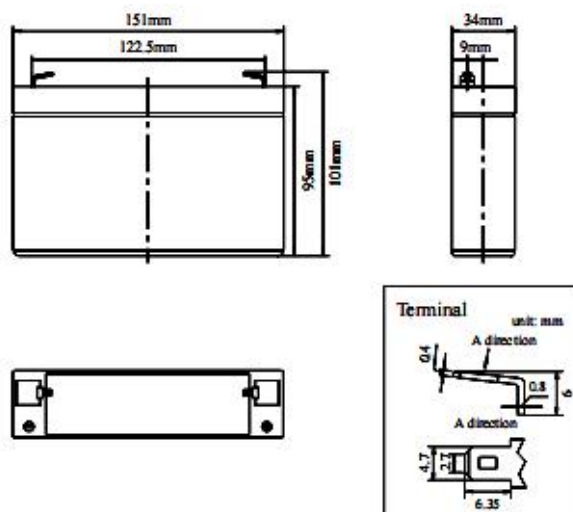


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		8.4Ah
Capacity 25°C (77°F)	10 hour rate (0.67A)	7.5Ah
	5 hour rate (1.25A)	6.75Ah
	1 hour rate (4.62A)	4.45Ah
Internal Resistance	Full Charged Battery 25°C	≤16mΩ
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 1.88A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 1.88A

Packaging

Battery Dimensions	Length	151mm
	Width	34mm
	Height	95mm
	Total Height	101mm
Box Dimensions	Length	409mm
	Width	165mm
	Height	141mm
Quantity Per Box		10 pcs per box
Net weight Per Cell		1.15 kg±50g
Net weight Per Box		11.5kg
Gross Weight		12.0kg

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	25.22	16.80	12.66	7.88	5.65	4.99	3.04	2.22	1.43	0.87	0.78	0.43
1.65V	23.25	15.49	12.14	7.67	5.50	4.86	2.99	2.18	1.41	0.87	0.77	0.43
1.70V	23.64	15.75	11.61	7.46	5.35	4.72	2.93	2.14	1.39	0.86	0.77	0.42
1.75V	20.88	13.91	11.08	7.25	5.20	4.59	2.86	2.09	1.37	0.85	0.76	0.42
1.80V	19.70	13.13	10.55	7.04	5.05	4.45	2.79	2.04	1.35	0.84	0.75	0.42

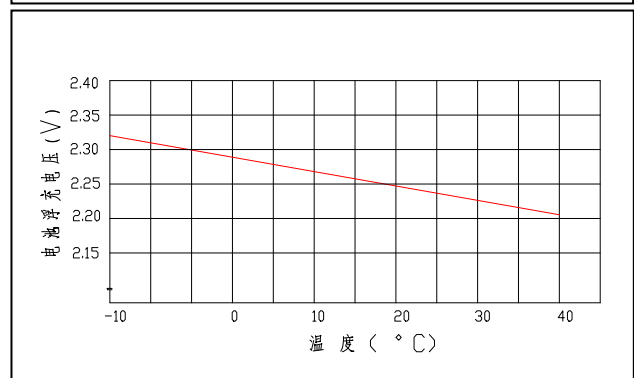
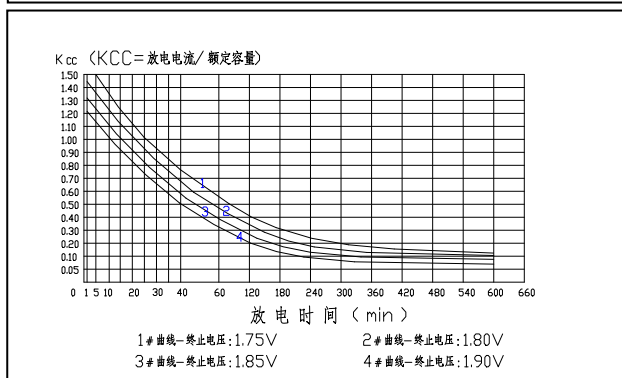
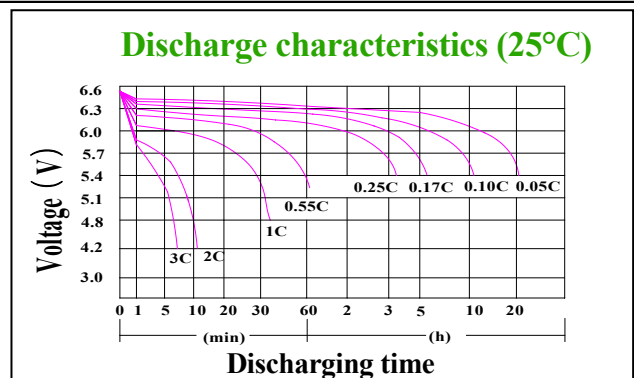
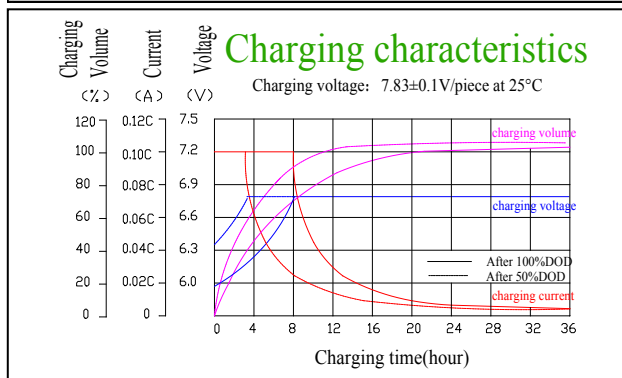
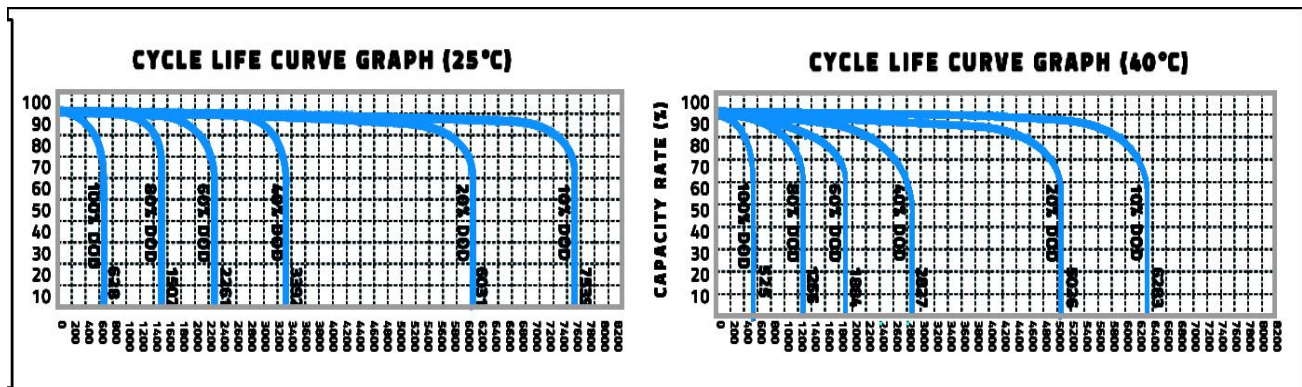
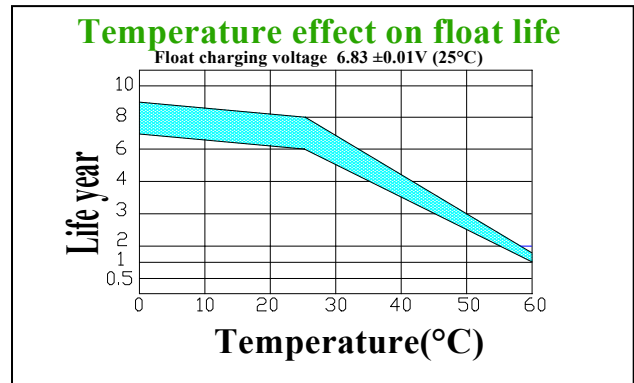
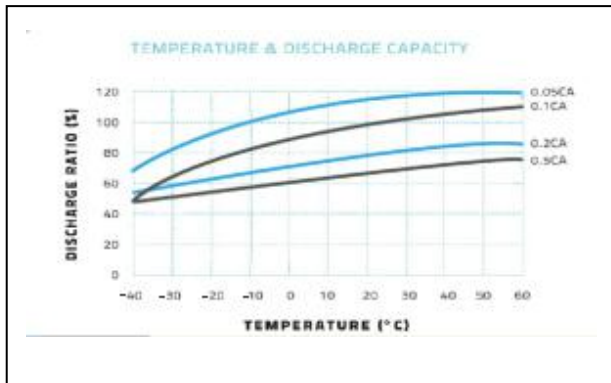
Discharge Constant Power per Cell (Watts at 77°F 25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	47.01	31.31	23.60	14.69	10.54	9.30	5.67	4.15	2.67	1.63	1.45	0.81
1.65V	43.34	28.87	22.62	14.29	10.26	9.05	5.57	4.07	2.63	1.61	1.44	0.80
1.70V	44.07	29.36	21.64	13.90	9.97	8.80	5.46	3.99	2.59	1.60	1.42	0.79
1.75V	38.93	25.93	20.65	13.51	9.69	8.55	5.33	3.90	2.55	1.58	1.41	0.78
1.80V	36.73	24.47	19.67	13.11	9.41	8.30	5.20	3.80	2.52	1.56	1.40	0.78

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.

GERCH[®] Lead Crystal battery GE7.5-6E (6V7.5Ah)

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	Nano

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