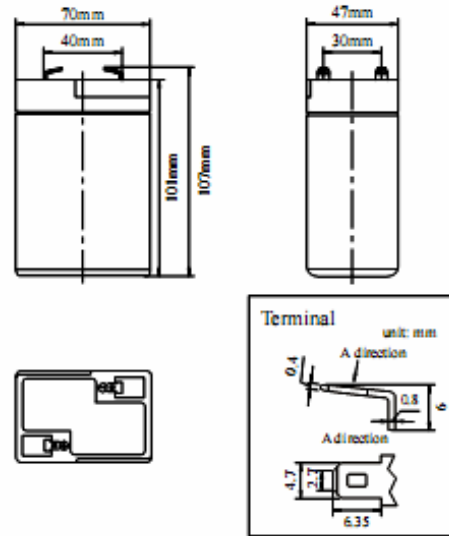


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		3.6Ah
Capacity 25°C (77°F)	10 hour rate (0.34A)	3.4Ah
	5 hour rate (0.64A)	3.2Ah
	1 hour rate (2.38A)	2.38Ah
Internal Resistance	Full Charged Battery 25°C	≤22m 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 1.08A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 1.08A Voltage 7.2-7.5V

Packaging

Battery Dimensions	Length	70mm
	Width	47mm
	Height	101mm
	Total Height	107mm
Box Dimensions	Length	274mm
	Width	160mm
	Height	147mm
Quantity Per Box		10 PC per box
Net weight Per Cell		0.68 kg±40g
Net weight Per Box		6.8kg
Gross Weight		7.2kg

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

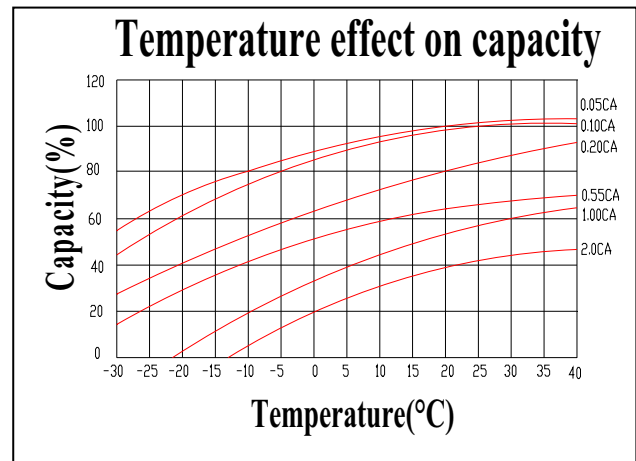
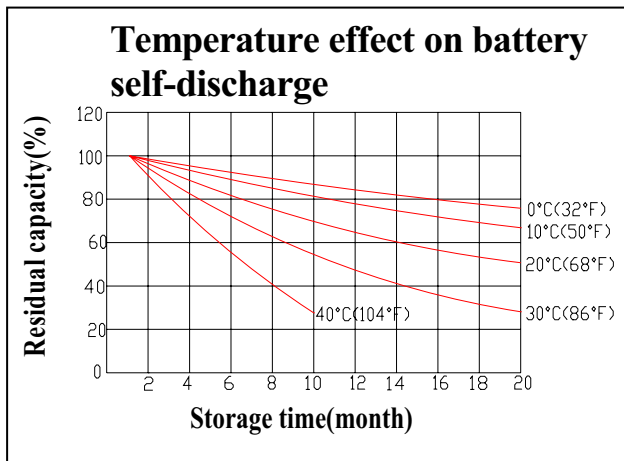
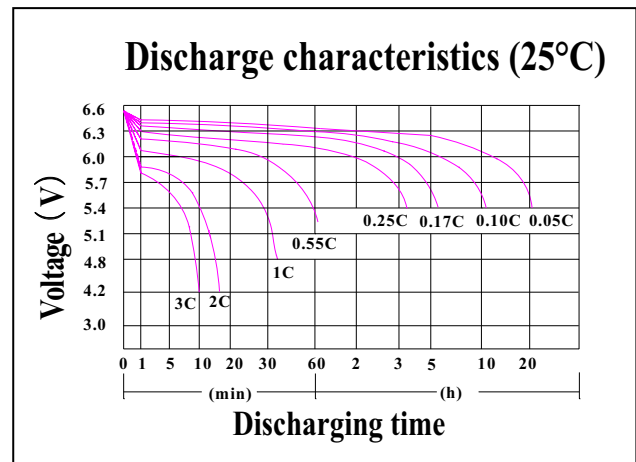
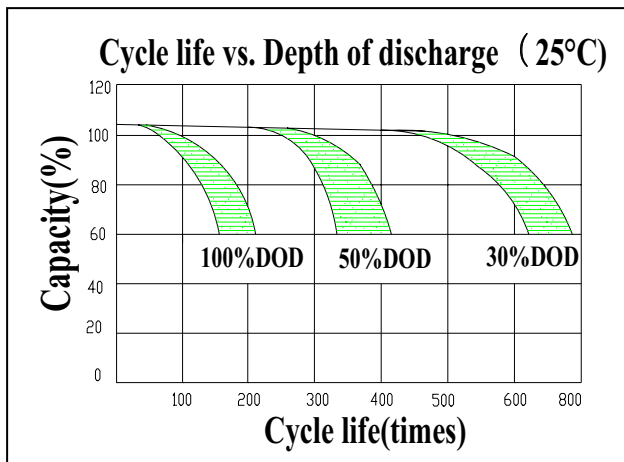
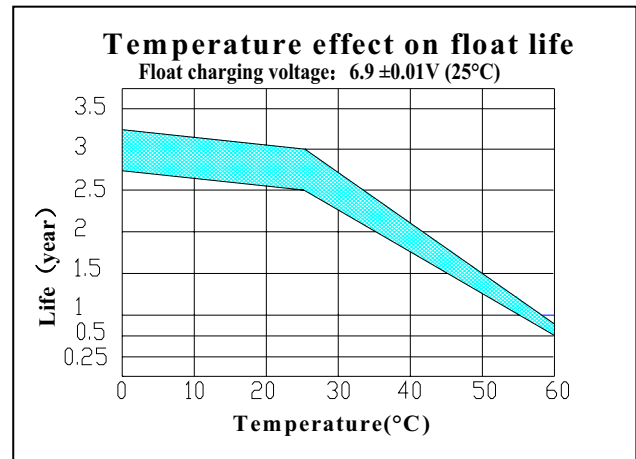
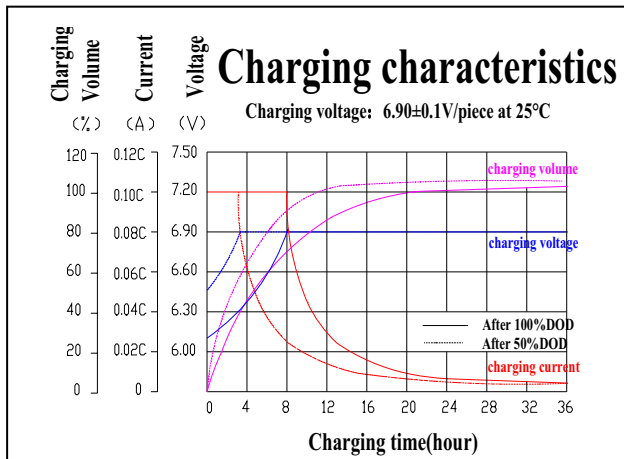
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	11.88	7.92	5.96	3.96	2.77	2.38	1.49	1.02	0.68	0.46	0.38	0.20
1.65V	11.66	7.78	5.85	3.89	2.72	2.33	1.46	1.00	0.67	0.45	0.37	0.19
1.70V	11.45	7.63	5.74	3.82	2.67	2.29	1.43	0.98	0.65	0.44	0.36	0.19
1.75V	11.23	7.49	5.63	3.74	2.62	2.25	1.40	0.96	0.64	0.43	0.36	0.19
1.80V	10.80	7.20	5.42	3.60	2.52	2.16	1.35	0.93	0.62	0.41	0.34	0.18

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	22.87	15.25	11.47	7.62	5.34	4.57	2.86	1.96	1.31	0.88	0.73	0.38
1.65V	22.45	14.97	11.26	7.48	5.24	4.49	2.81	1.92	1.28	0.86	0.71	0.37
1.70V	22.04	14.69	11.05	7.35	5.14	4.41	2.75	1.89	1.26	0.85	0.70	0.37
1.75V	21.62	14.41	10.85	7.21	5.05	4.32	2.70	1.85	1.23	0.83	0.69	0.36
1.80V	20.79	13.86	10.43	6.93	4.85	4.16	2.60	1.78	1.19	0.80	0.66	0.35

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 **MCA** 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	Sulfuric acid