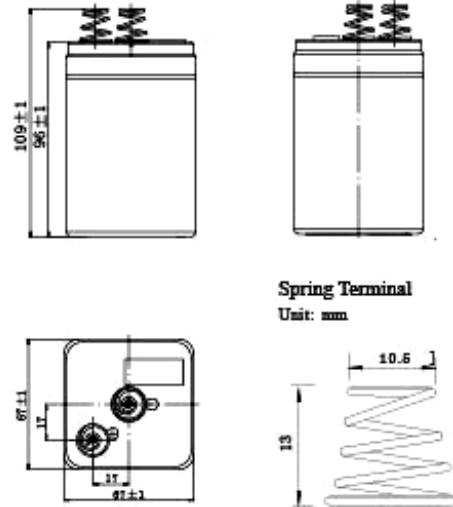


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		4.5Ah
Capacity 25°C (77°F)	10 hour rate (0.43A)	4.3Ah
	5 hour rate (0.80A)	4.0Ah
	1 hour rate (2.97A)	2.97Ah
Internal Resistance	Full Charged Battery 25°C	≤20m 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) 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 1.35A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 1.35A Voltage 7.2-7.5V

Packaging

Battery Dimensions	Length	67mm
	Width	67mm
	Height	96mm
	Total Height	109mm
Box Dimensions	Length	374mm
	Width	154mm
	Height	149mm
Quantity Per Box		10 pcs per box
Net weight Per Cell		0.78 kg±50g
Net weight Per Box		7.8kg
Gross Weight		8.3kg

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

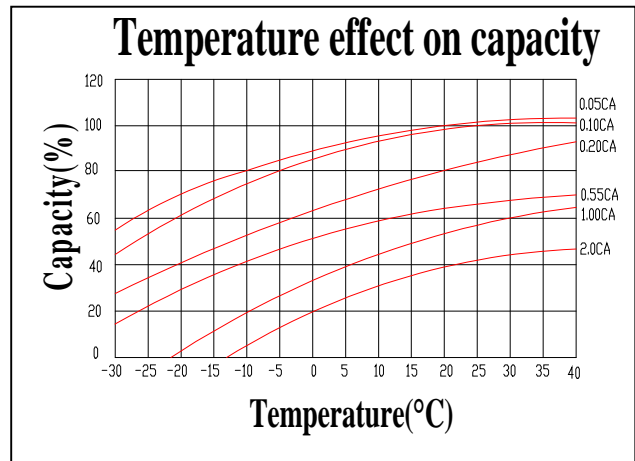
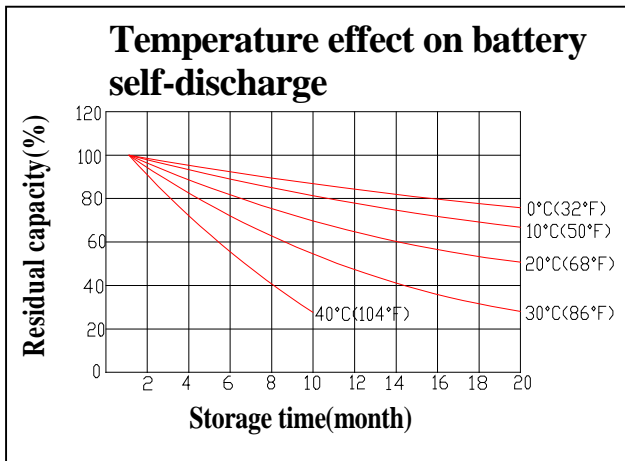
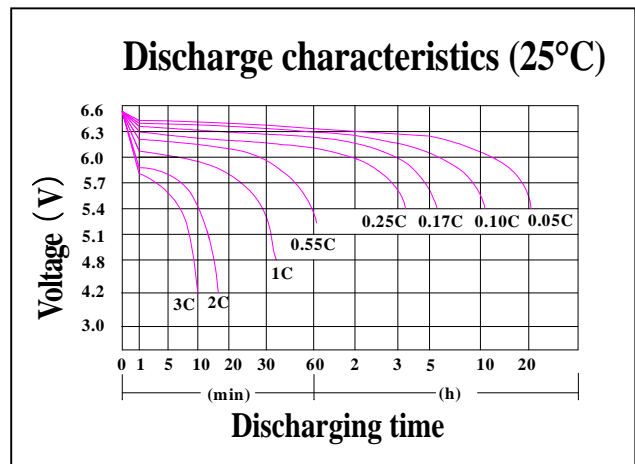
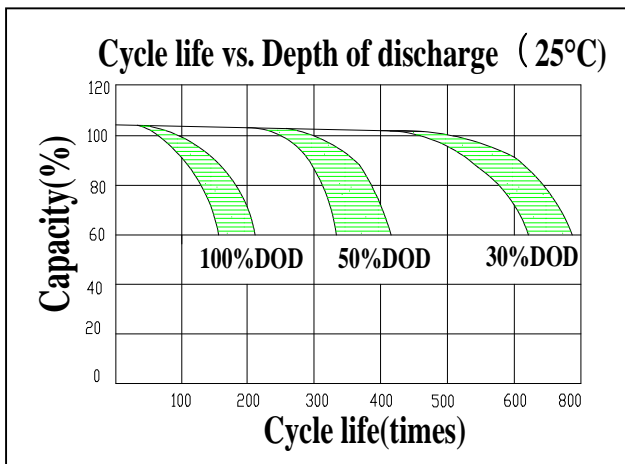
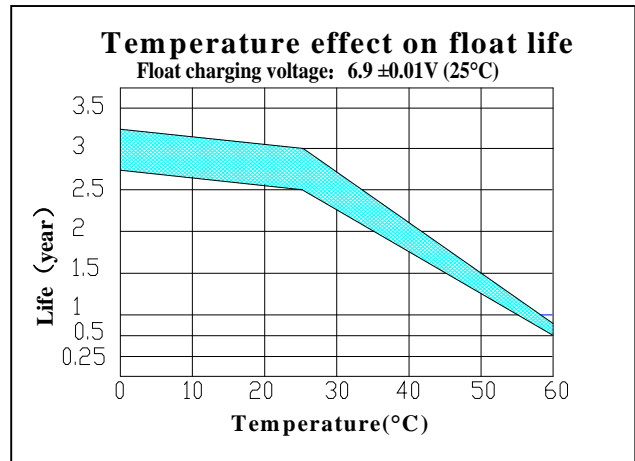
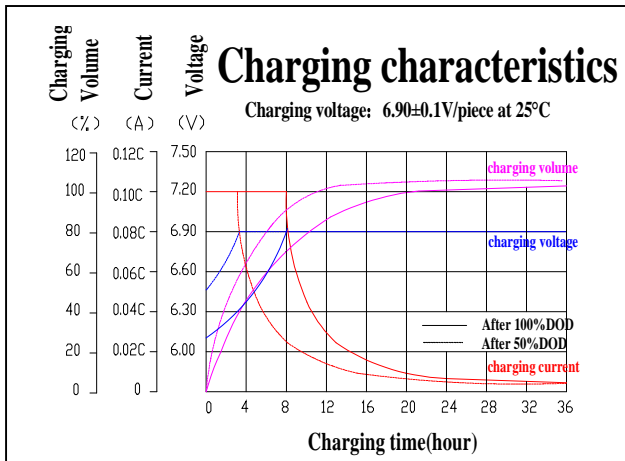
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	14.85	9.90	7.45	4.95	3.47	2.97	1.86	1.27	0.85	0.57	0.47	0.25
1.65V	14.58	9.72	7.31	4.86	3.40	2.92	1.82	1.25	0.83	0.56	0.46	0.24
1.70V	14.31	9.54	7.18	4.77	3.34	2.86	1.79	1.23	0.82	0.55	0.45	0.24
1.75V	14.04	9.36	7.04	4.68	3.28	2.81	1.76	1.20	0.80	0.54	0.45	0.23
1.80V	13.50	9.00	6.77	4.50	3.15	2.70	1.69	1.16	0.77	0.52	0.43	0.23

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	28.59	19.06	14.34	9.53	6.67	5.72	3.57	2.45	1.63	1.10	0.91	0.48
1.65V	28.07	18.71	14.08	9.36	6.55	5.61	3.51	2.40	1.60	1.08	0.89	0.47
1.70V	27.55	18.36	13.82	9.18	6.43	5.51	3.44	2.36	1.57	1.06	0.87	0.46
1.75V	27.03	18.02	13.56	9.01	6.31	5.41	3.38	2.32	1.54	1.04	0.86	0.45
1.80V	25.99	17.33	13.04	8.66	6.06	5.20	3.25	2.23	1.48	1.00	0.82	0.43

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