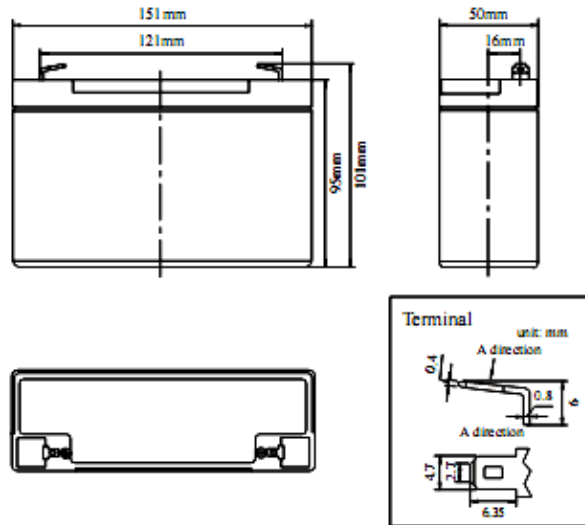


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		10Ah
Capacity 25°C (77°F)	10 hour rate (0.95A)	9.5Ah
	5 hour rate (1.78A)	8.9Ah
	1 hour rate (6.6A)	6.6Ah
Internal Resistance	Full Charged Battery 25°C	≤14m 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 3.0A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 3.0A Voltage 7.2-7.5V

Packaging

Battery Dimensions	Length	151mm
	Width	50mm
	Height	95mm
	Total Height	101mm
Box Dimensions	Length	289mm
	Width	165mm
	Height	141mm
Quantity Per Box		5 pcs per box
Net weight Per Cell		1.73 kg±50g
Net weight Per Box		8.65kg
Gross Weight		9.1kg

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

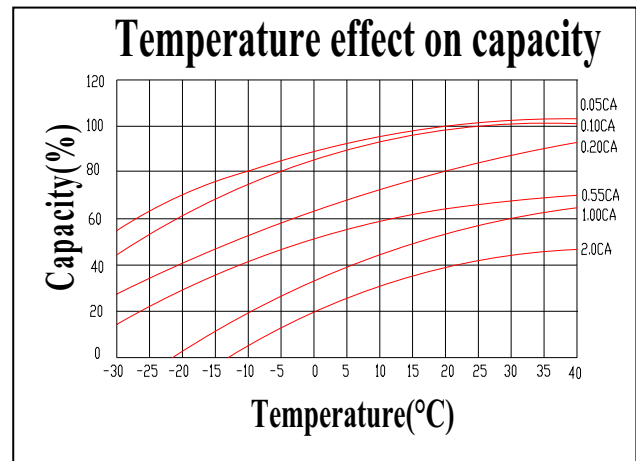
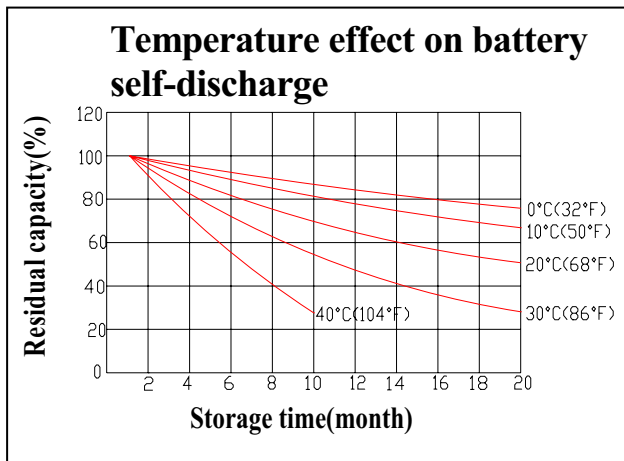
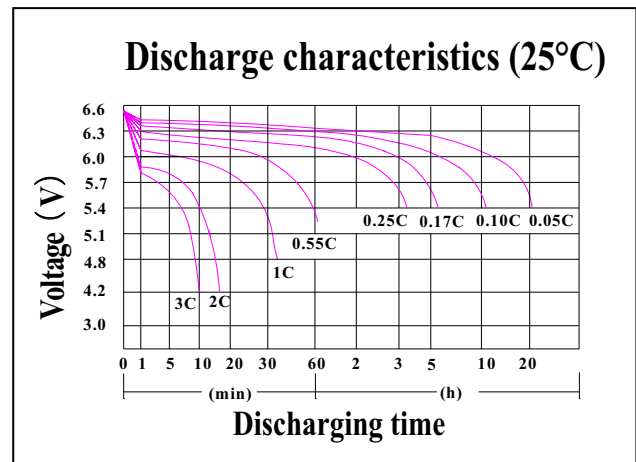
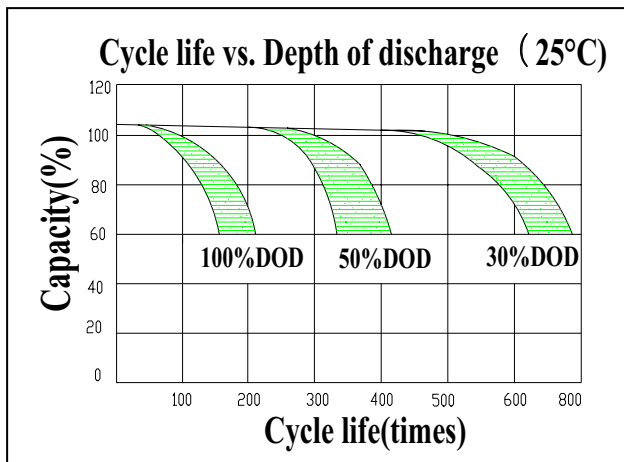
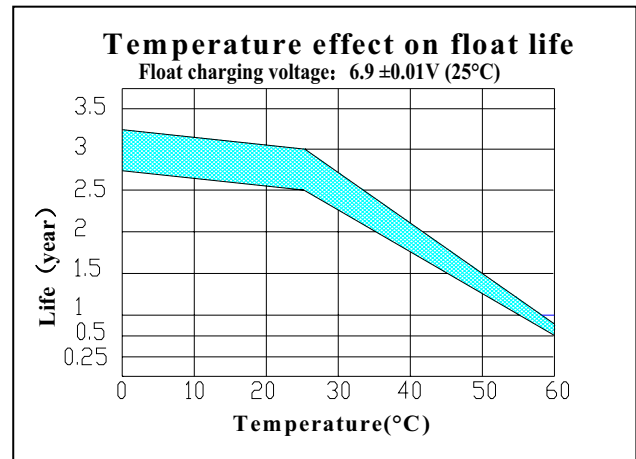
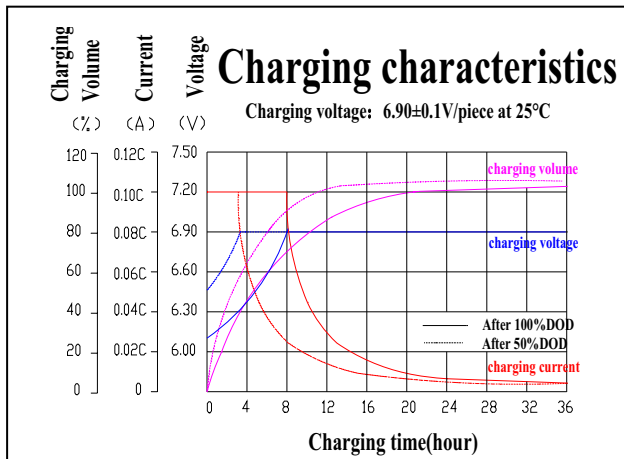
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	33.00	22.00	16.55	11.00	7.70	6.60	4.13	2.83	1.88	1.27	1.05	0.55
1.65V	32.40	21.60	16.25	10.80	7.56	6.48	4.05	2.78	1.85	1.24	1.03	0.54
1.70V	31.80	21.20	15.95	10.60	7.42	6.36	3.98	2.72	1.82	1.22	1.01	0.53
1.75V	31.20	20.80	15.65	10.40	7.28	6.24	3.90	2.67	1.78	1.20	0.99	0.52
1.80V	30.00	20.00	15.05	10.00	7.00	6.00	3.75	2.57	1.71	1.15	0.95	0.50

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	63.53	42.35	31.87	21.18	14.82	12.71	7.94	5.44	3.63	2.44	2.02	1.06
1.65V	62.37	41.58	31.29	20.79	14.55	12.47	7.80	5.34	3.56	2.39	1.98	1.04
1.70V	61.22	40.81	30.71	20.41	14.28	12.24	7.65	5.24	3.50	2.35	1.94	1.02
1.75V	60.06	40.04	30.13	20.02	14.01	12.01	7.51	5.15	3.43	2.31	1.91	1.00
1.80V	57.75	38.50	28.97	19.25	13.48	11.55	7.22	4.95	3.30	2.22	1.83	0.96

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