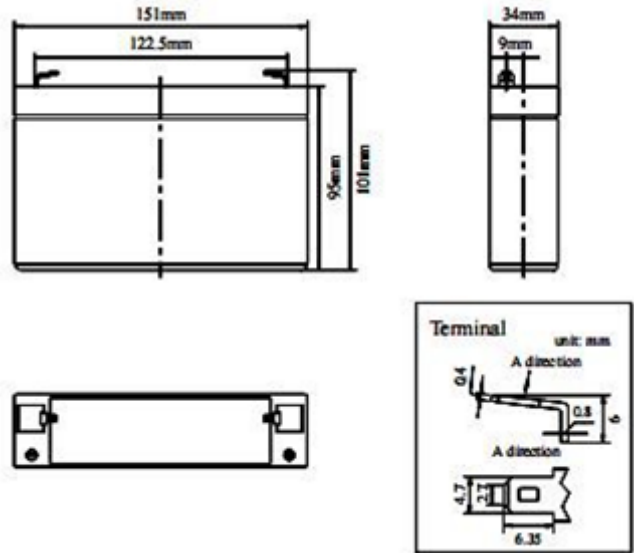


## CHARACTERISTICS

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		7Ah
Capacity 25°C	10 hour rate (9.0A)	6.7Ah
	5 hour rate (15.9A)	6.25Ah
	1 hour rate (55.4A)	4.62Ah
Internal Resistance	Full Charged Battery 25°C	≤16mΩ
Capacity affected by Temperature (10 hour )	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-Discharge 25°C Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C	Float	Initial Charging Current Less than 2.1A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 2.1A Voltage 7.2-7.5V

## PACKAGING

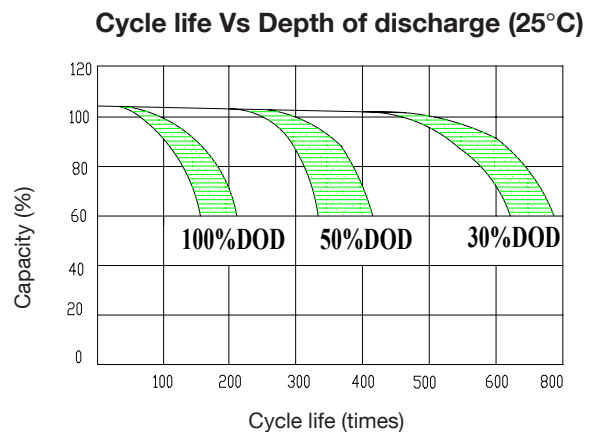
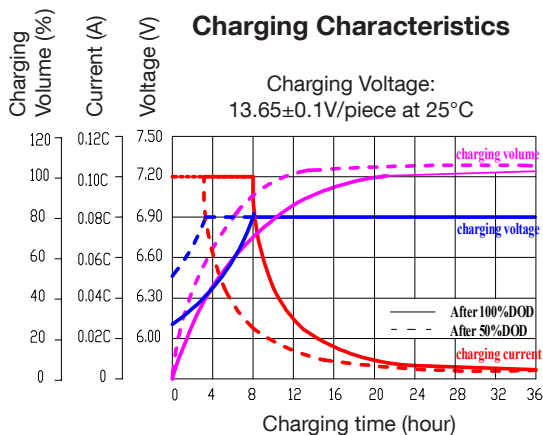
Battery Dimensions	Length	151mm
	Width	34mm
	Height	95mm
	Total Height	101mm
Quantity Per Box	10 pcs per box	
Net weight Per Box	11.0kg	
Gross Weight	11.5kg	



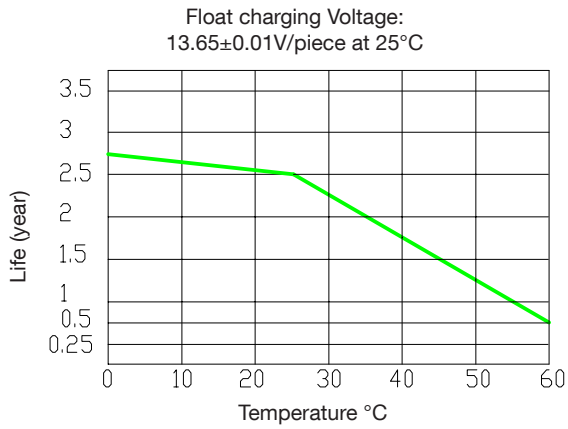
## Discharge Constant Current per Cell (Amperes at 25°C)

F.V/Time	30min	1h	2h	5h	10h	20h
1.60V	7.70	4.62	2.89	1.32	0.73	0.39
1.65V	7.56	4.54	2.84	1.30	0.72	0.38
1.70V	7.42	4.45	2.78	1.27	0.71	0.37
1.75V	7.28	4.37	2.73	1.25	0.69	0.36
1.80V	7.00	4.20	2.63	1.20	0.67	0.35

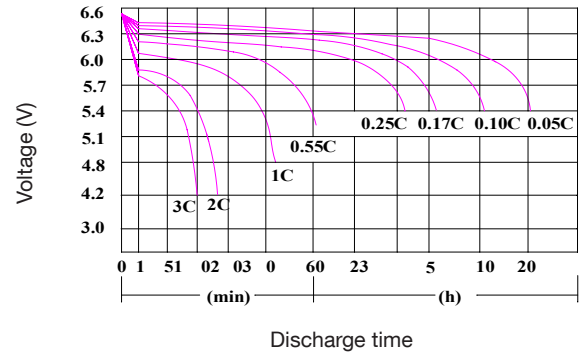
## PERFORMANCE CHARACTERISTICS



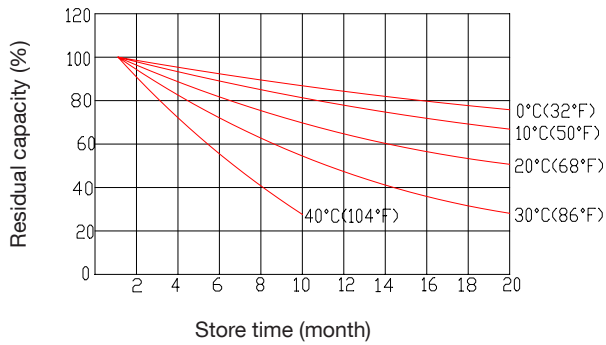
### Temperature effect on designed float life



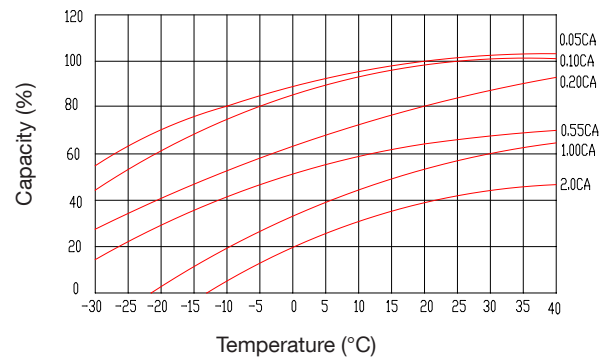
### Discharge characteristics (25°C)



### Temperature effect on battery self-discharge



### Temperature effect on capacity



### 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