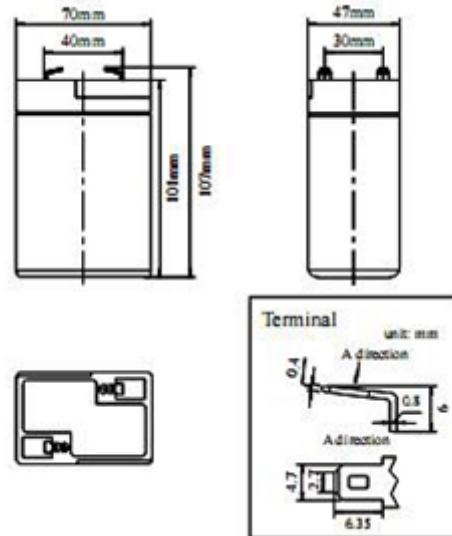


## CHARACTERISTICS

Nominal Voltage		6V	
Nominal Capacity (20 hour rate)		5Ah	
Capacity 25°C	10 hour rate (9.0A)	4.8Ah	
	5 hour rate (15.9A)	4.45Ah	
	1 hour rate (55.4A)	3.3Ah	
Internal Resistance		Full Charged Battery 25°C ≤18mΩ	
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 1.5A Voltage 6.8-6.9V	
	Cycle	Initial Charging Current Less than 1.5A Voltage 7.2-7.5V	

## PACKAGING

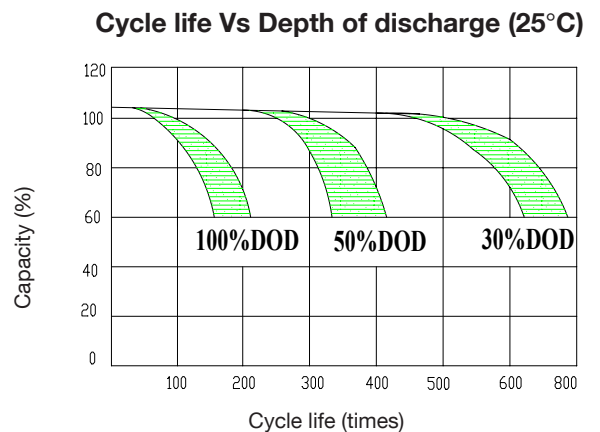
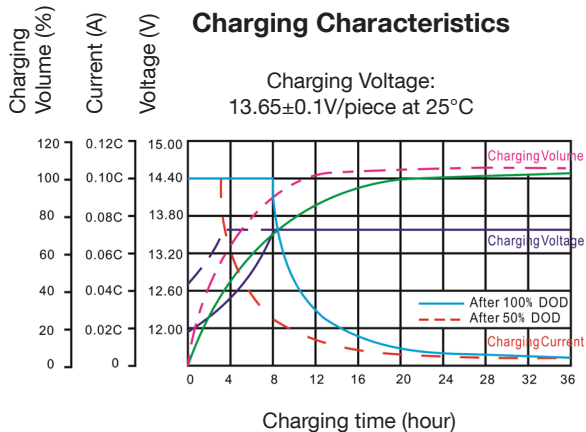
Battery Dimensions	Length	70mm
	Width	47mm
	Height	101mm
	Total Height	107mm
Quantity Per Box	10 pcs per box	
Net weight Per Box	7.7kg	
Gross Weight	8.1kg	



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

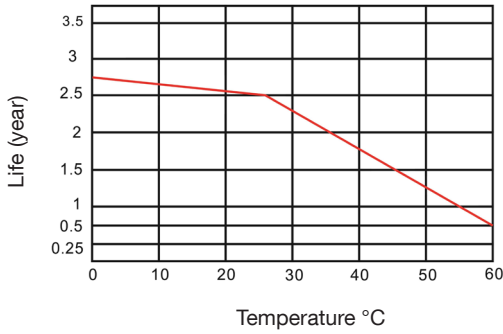
F.V/Time	30min	1h	2h	5h	10h	20h
1.60V	5.50	3.30	2.06	0.94	0.52	0.28
1.65V	5.40	3.24	2.03	0.93	0.51	0.27
1.70V	5.30	3.18	1.99	0.91	0.50	0.27
1.75V	5.20	3.12	1.95	0.89	0.49	0.26
1.80V	5.00	3.00	1.88	0.86	0.48	0.25

## PERFORMANCE CHARACTERISTICS

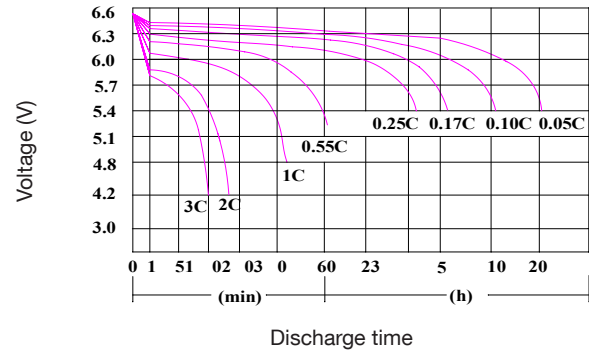


### Temperature effect on designed float life

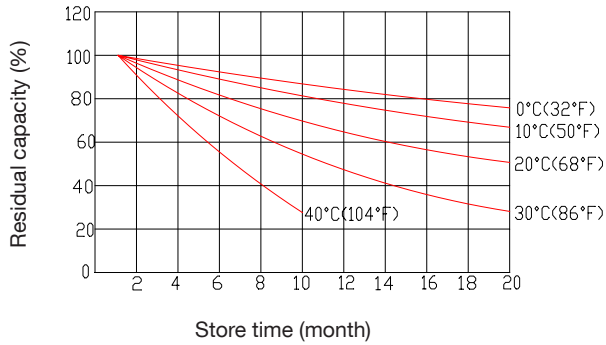
Float charging Voltage:  
13.65±0.01V/piece at 25°C



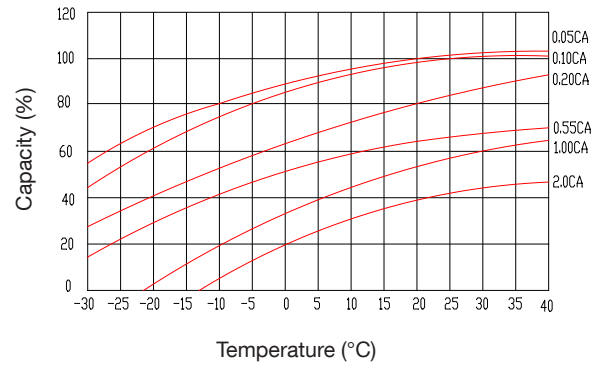
### Discharge characteristics (25°C)



### 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