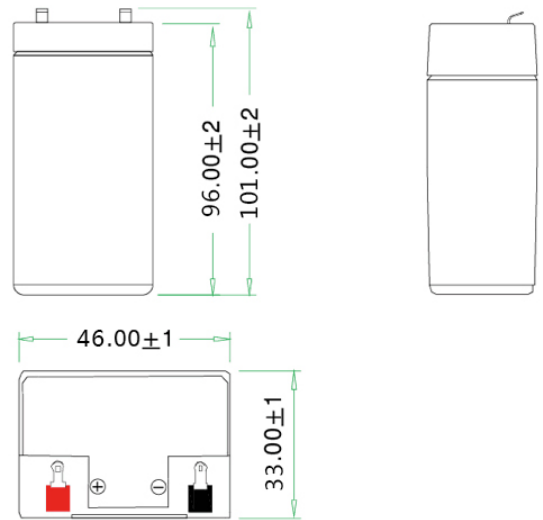


Product Image



Product Dimensions



Characteristics

Nominal Voltage		4V
Nominal Capacity (20 hour rate)		4Ah
Capacity 25 °C(77°)	10 hour rate (0.38A)	3.8Ah
	5 hour rate (0.71A)	3.55Ah
	1 hour rate (2.64A)	2.64Ah
	Internal Resistance	Full Charged Battery 25 °C ≤14mΩ
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	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 1.2A Voltage 4.53-4.6V
	Cycle	Initial Charging Current Less than 1.2A Voltage 4.8-5.0V

Packaging

Battery Dimensions	Length	46mm
	Width	33mm
	Height	96mm
	Total Height	101mm
Box Dimensions	Length	334mm
	Width	96mm
	Height	206mm
	Quantity Per Box	40 pcs per box
Net weight Per Cell		0.47 kg±20g
Net weight Per Box		18.8kg
Gross Weight		19.7kg

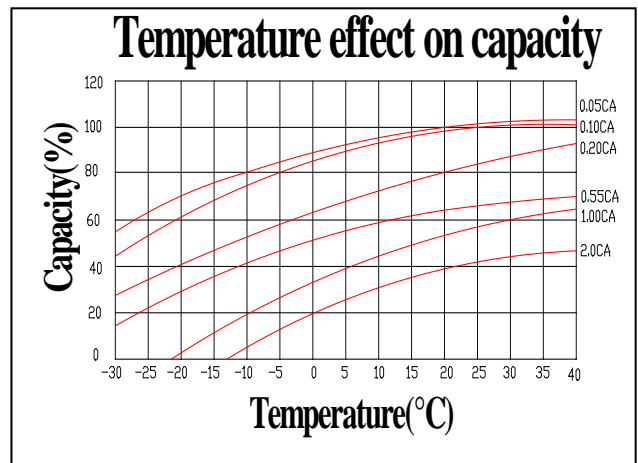
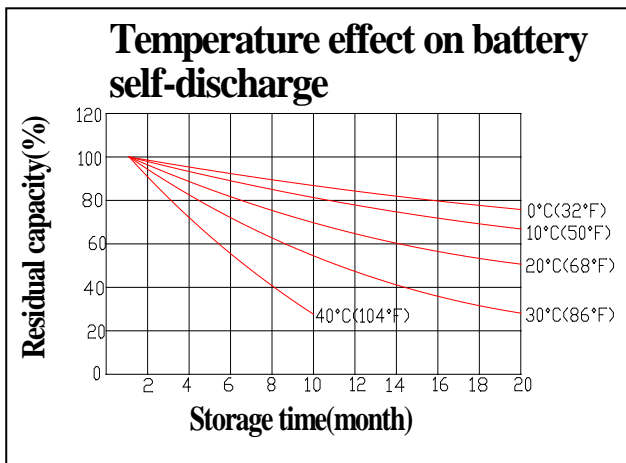
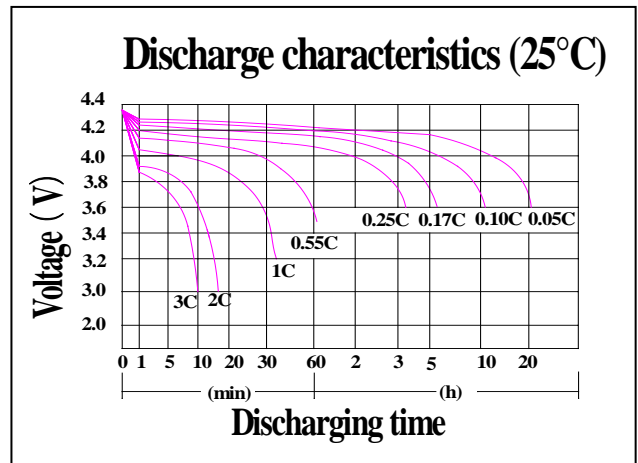
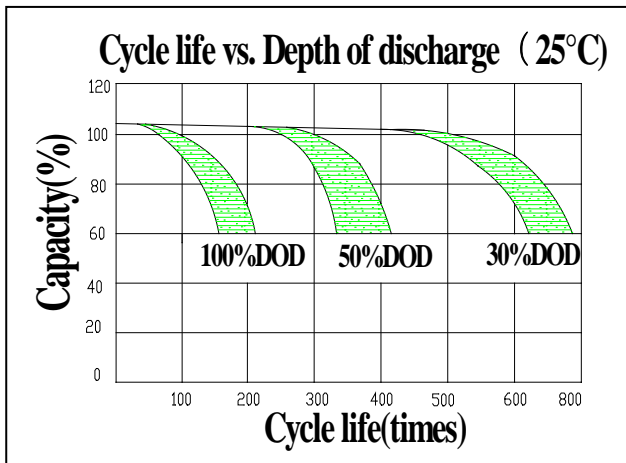
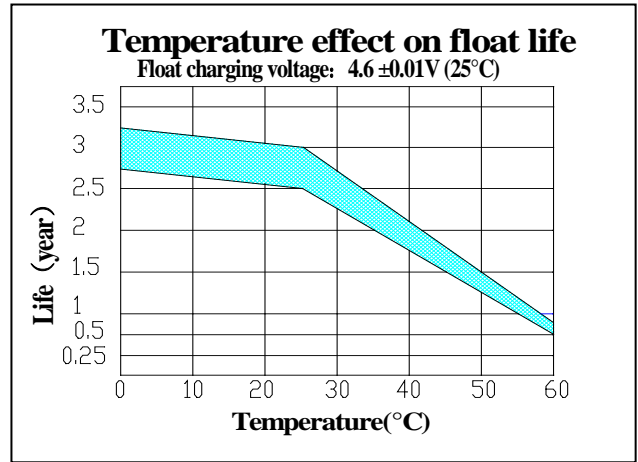
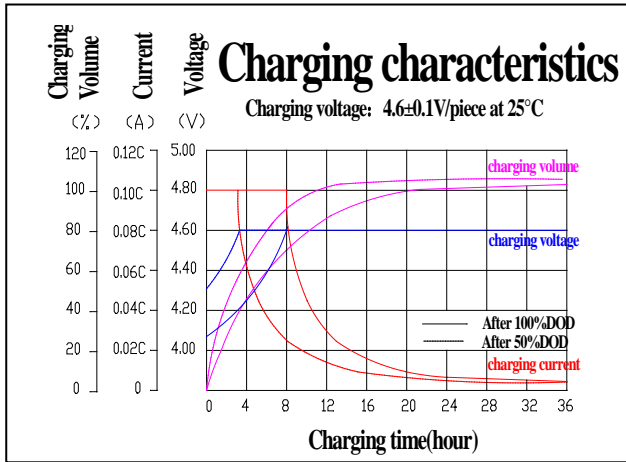
Discharge Constant Current per Cell (Amperes at 77°F25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	13.20	8.80	6.62	4.40	3.08	2.64	1.65	1.13	0.75	0.51	0.42	0.22
1.65V	12.96	8.64	6.50	4.32	3.02	2.59	1.62	1.11	0.74	0.50	0.41	0.22
1.70V	12.72	8.48	6.38	4.24	2.97	2.54	1.59	1.09	0.73	0.49	0.40	0.21
1.75V	12.48	8.32	6.26	4.16	2.91	2.50	1.56	1.07	0.71	0.48	0.40	0.21
1.80V	12.00	8.00	6.02	4.00	2.80	2.40	1.50	1.03	0.69	0.46	0.38	0.20

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	25.41	16.94	12.75	8.47	5.93	5.08	3.18	2.18	1.45	0.98	0.81	0.42
1.65V	24.95	16.63	12.51	8.32	5.82	4.99	3.12	2.14	1.42	0.96	0.79	0.42
1.70V	24.49	16.32	12.28	8.16	5.71	4.90	3.06	2.10	1.40	0.94	0.78	0.41
1.75V	24.02	16.02	12.05	8.01	5.61	4.80	3.00	2.06	1.37	0.92	0.76	0.40
1.80V	23.10	15.40	11.59	7.70	5.39	4.62	2.89	1.98	1.32	0.89	0.73	0.39

## 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