

### SLA Battery

#### TriaxPower-Small-size batteries

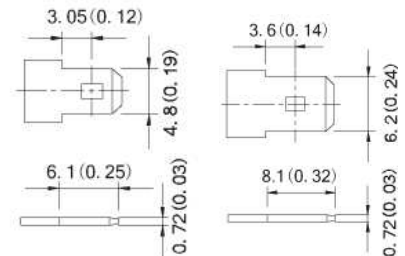
- 100% before shipment testing, stable and reliable long-term quality
- patented grid alloy formula and updated manufacturing technique
- completely sealed and maintenance-free, low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating & standby use: 3-5 years

#### Application:

- Alarm System
- Cable Television
- Communication Equipment
- Emergency Power System
- Security System
- Medical Equipment
- UPS
- Power tools
- Control Equipment
- Toys

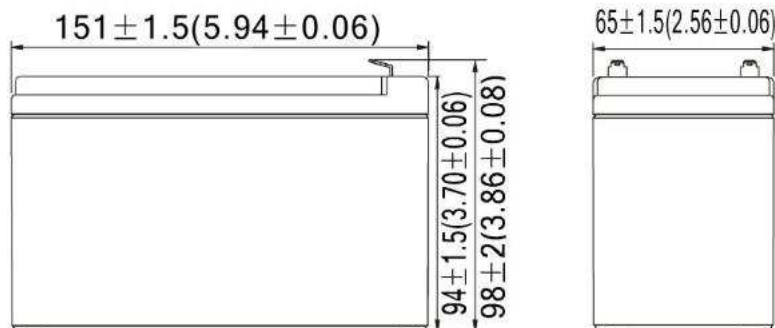
#### Construction:

- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy
- Safety valve .... Rubber
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid



F1 Terminal

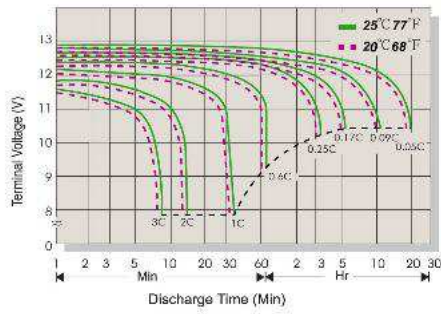
F2 Terminal



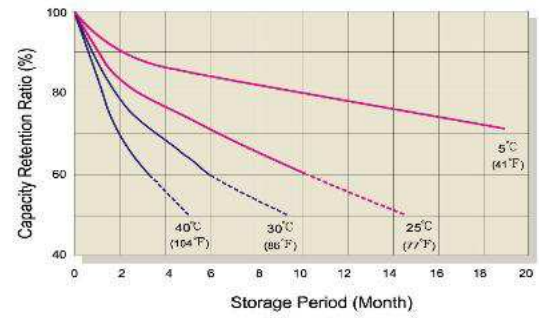
#### Specification:

Battery Model	BAKU129 12V9.0AH			
Designed Floating Life	3~5 Years			
Capacity (25□)	20HR(0.45A,10.5V)	10HR(0.866A,10.5V)	5HR(1.62A,10.5V)	1HR(5.39A,10.5V)
	9.00AH	8.66AH	8.10AH	5.39AH
Dimensions	Length	Width	Height	Total Height
	151mm (5.94inch)	65mm (2.56inch)	94mm (3.70inch)	98mm (3.86inch)
Approx. Weight	2.55Kg (5.62 lbs) ±5%			
Internal Resistance	Full charged at 25°C : ≤23mΩ			
Self Discharge	3% of capacity declined per month at (25□)			
Capacity Affected by Temp.(20HR)	40□	25□	0□	-15□
	102%	100%	85%	65%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-14.8V(-30mV/°C), max. Current: 2.70A		13.5-13.8V (-20mV/°C)	

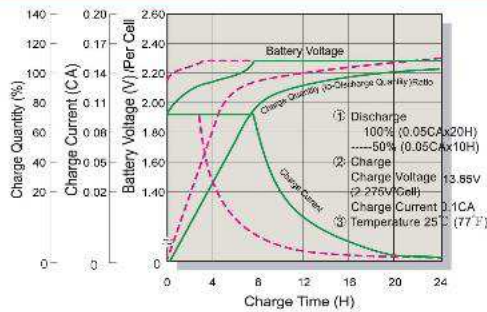
### Terminal Voltage (V) and Discharge Time



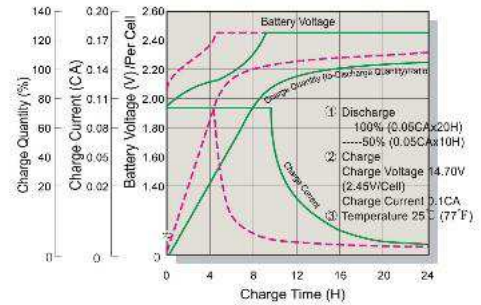
### Capacity Retention Characteristic



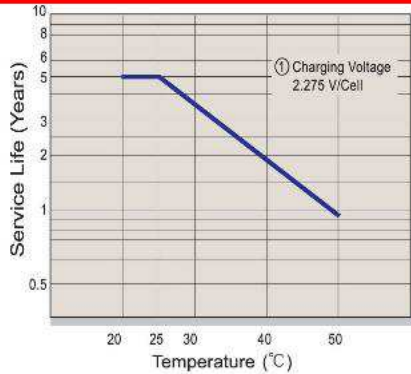
### Battery Voltage and Charge Time for Standby Use



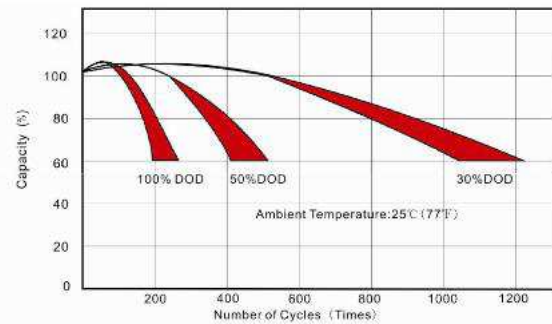
### Battery Voltage and Charge Time for Cycle Use



### Tickle(or Float) Service Life



### Cycle Service Life



### Constant Current Discharge (CC, Unit: A) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	25.69	18.51	14.16	8.95	5.19	2.98	2.28	1.817	1.560	1.272	0.834	0.433
1.80V/Cell	26.18	18.86	14.43	9.12	5.29	3.03	2.32	1.852	1.590	1.296	0.850	0.442
1.75V/Cell	26.67	19.22	14.70	9.29	5.39	3.09	2.36	1.887	1.620	1.320	0.866	0.450
1.70V/Cell	29.07	20.37	15.59	9.66	5.49	3.14	2.40	1.920	1.648	1.344	0.881	0.458
1.67V/Cell	32.01	22.10	16.91	10.20	5.54	3.18	2.43	1.940	1.666	1.358	0.891	0.463
1.60V/Cell	34.67	23.25	17.79	10.64	5.60	3.21	2.46	1.961	1.684	1.373	0.900	0.468

### Constant Power Discharge (CP, Unit: W) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	50.09	36.09	27.62	17.45	10.13	5.80	4.44	3.54	3.04	2.48	1.63	0.85
1.80V/Cell	51.05	36.78	28.14	17.78	10.32	5.91	4.52	3.61	3.10	2.53	1.66	0.86
1.75V/Cell	52.01	37.47	28.67	18.12	10.51	6.02	4.61	3.68	3.16	2.57	1.69	0.88
1.70V/Cell	56.69	39.72	30.39	18.84	10.70	6.13	4.69	3.74	3.21	2.62	1.72	0.89
1.67V/Cell	62.41	43.09	32.97	19.89	10.81	6.20	4.74	3.78	3.25	2.65	1.74	0.90
1.60V/Cell	67.61	45.34	34.00	20.74	10.93	6.26	4.79	3.82	3.28	2.68	1.76	0.91