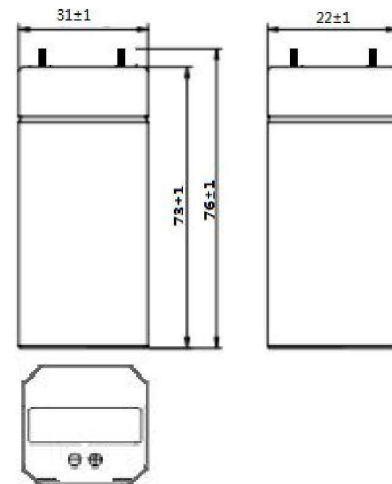


Specifications

Nominal Voltage	4V	
Nominal Capacity(20hr)	1AH	
Dimension	Length	31±2mm(1.22inch)
	Width	22.5±2mm(0.88inch)
	Height	73.5±2mm(2.89inch)
	Total Height	78±2mm(3.07inch)
Approx Weight	Approx. 0.1kg(+ -3%)	
Terminal Type	3mm pin terminal	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.50mΩ	
Rated Capacity	1.00Ah	(20hr, 1.7V/cell,25°C/77°F)
	0.90Ah	(10hr, 1.75V/cell,25°C/77°F)
	0.82Ah	(5hr, 1.75V/cell,25°C/77°F)
	0.80Ah	(3hr, 1.70V/cell,25°C/77°F)
	0.60Ah	(1hr, 60V/cell,25°C/77°F)
Max. Discharge Current	10A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA	
	4.70V~7.90V@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	4.50V~4.600V@25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity: 82%
	12month	Remaining capacity: 65%

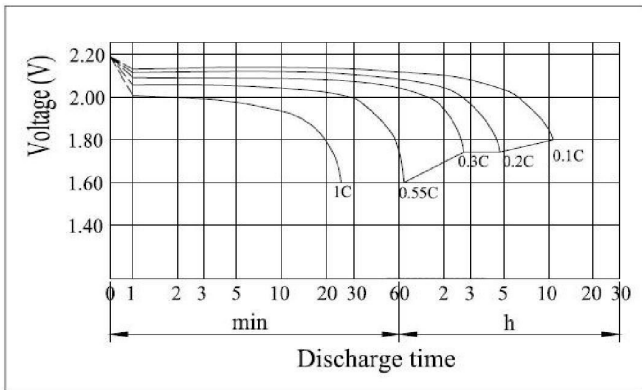

Dimensions

Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	5.062	3.734	2.991	1.863	1.136	0.728	0.455	0.372	0.307	0.280	0.170	0.095
1.75V/cell	5.671	4.008	3.170	1.915	1.151	0.744	0.459	0.380	0.309	0.285	0.173	0.097
1.70V/cell	6.272	4.283	3.348	1.960	1.173	0.752	0.463	0.383	0.311	0.290	0.175	0.098
1.67V/cell	6.636	4.417	3.422	1.974	1.180	0.756	0.467	0.386	0.314	0.290	0.179	0.100
1.60V/cell	7.089	4.736	3.645	2.004	1.188	0.760	0.471	0.388	0.317	0.292	0.182	0.101

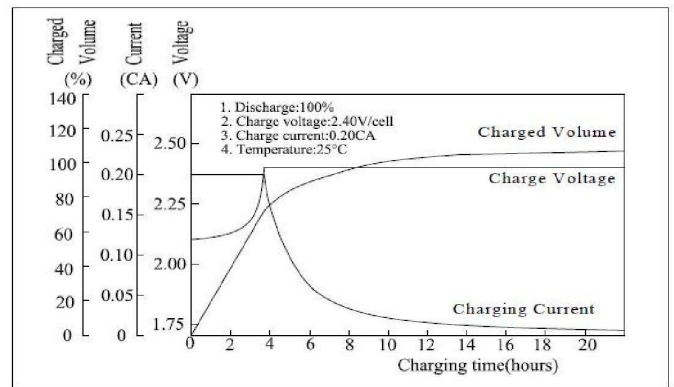
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	2.664	1.965	1.574	0.981	0.598	0.383	0.240	0.196	0.161	0.148	0.090	0.050
1.75V/cell	2.985	2.110	1.668	1.008	0.606	0.392	0.242	0.200	0.163	0.150	0.091	0.051
1.70V/cell	3.301	2.254	1.762	1.031	0.617	0.396	0.244	0.202	0.164	0.153	0.092	0.052
1.67V/cell	3.493	2.325	1.801	1.039	0.621	0.398	0.246	0.203	0.166	0.153	0.094	0.053
1.60V/cell	3.731	2.493	1.918	1.055	0.625	0.400	0.248	0.204	0.167	0.154	0.096	0.053

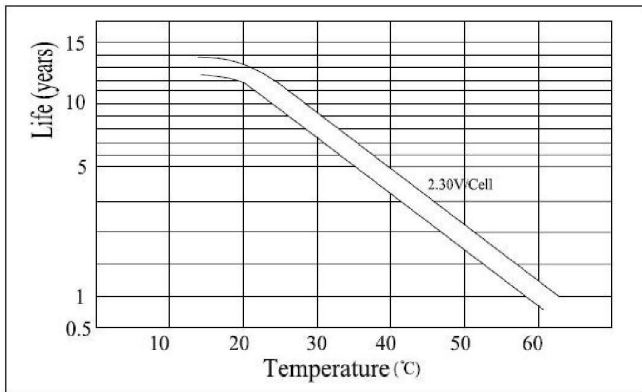
Discharge Characteristics



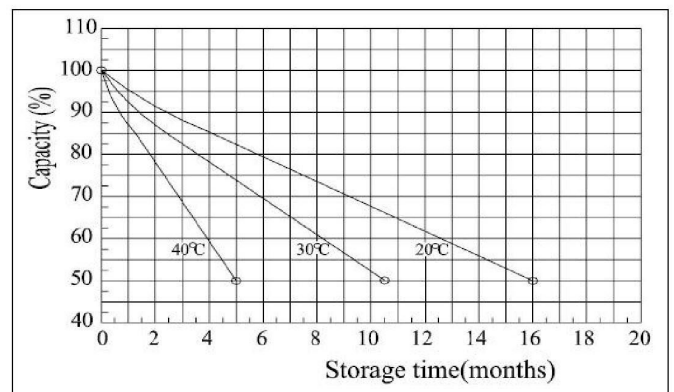
Float Charging Characteristics



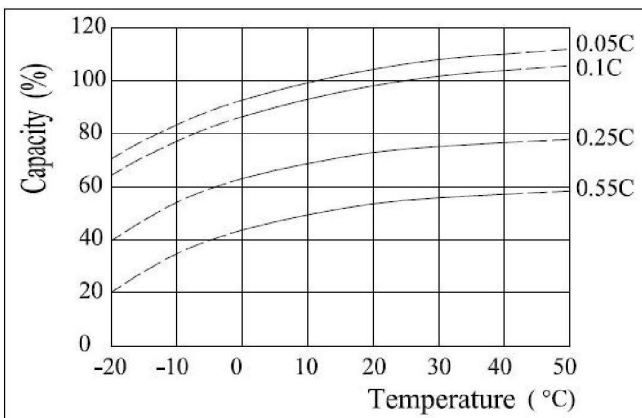
Floating Life on Temperature



Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

