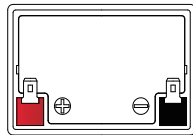
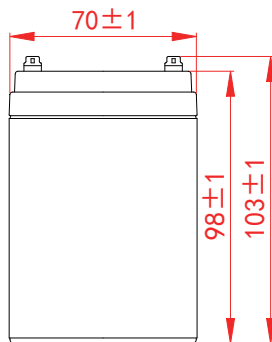


Specification

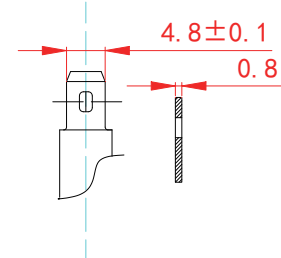
Nominal Voltage		12V
Rated Capacity (20 hour rate)		2.6AH
Dimension	Length	70±1mm (2.76in)
	Width	47±1mm (1.85in)
	Height	98±1mm (3.86in)
	Total Height (with terminals)	103±1mm (4.06in)
Weight		Approx 0.79kg ±2%(1.76lbs)



Unit:mm Dimension:70(L)×47(W)×98(H)



Terminal:T1



Characteristic

Capacity 25℃(77°F)	20 hour rate (130mA)	2.60AH
	5 hour rate (442mA)	2.21AH
	1 hour rate (1.56A)	1.56AH
Internal Resistance	Full charged Battery 25℃(77°F)	64mΩ
Capacity affected by Temperature (10 hour rate)	40℃(104°F)	103%
	25℃(77°F)	100%
	0℃(32°F)	85%
	-15℃(5°F)	65%
Self-Discharge 25℃(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	65%
Max. Discharge Current	52A (5S) 25℃(77°F)	
Terminal	Standard	T1
	Optional	/
Charging (Constant Voltage)	Cycle	Initial Charging Current 0.78A or small14.40~15.00V 25℃(77°F)
	Float	13.50~13.80V 25℃(77°F)

Applications

- ☆ All purpose
- ☆ Uninterruptable Power Supply(UPS)
- ☆ Electric Power System(EPS)
- ☆ Emergency backup power supply
- ☆ Emergency light
- ☆ Railway signal
- ☆ Aircraft signal
- ☆ Alarm and security system
- ☆ Electronic apparatus and equipment
- ☆ Communication power supply
- ☆ DC power supply
- ☆ Auto control system

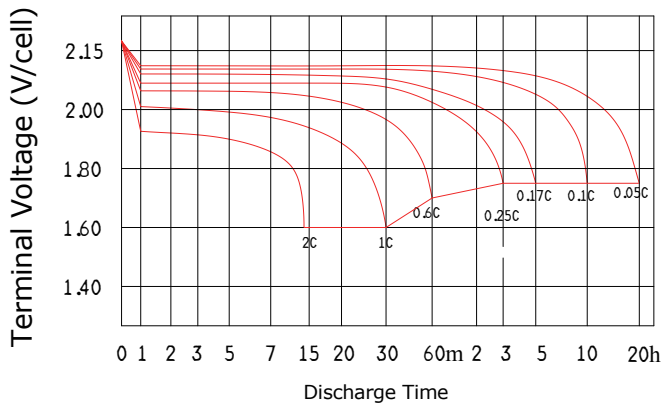
Constant Current Discharge(Amperes) at 25°C(77°F)

F.V/Time	10min	15min	30min	1H	2H	3H	4H	5H	8H	10H	20H
1.85V/cell	4.84	3.75	2.27	1.36	0.838	0.617	0.497	0.423	0.286	0.235	0.124
1.80V/cell	5.38	4.11	2.45	1.45	0.881	0.646	0.517	0.439	0.296	0.243	0.127
1.75V/cell	5.80	4.39	2.59	1.52	0.913	0.667	0.534	0.452	0.305	0.248	0.130
1.70V/cell	6.13	4.61	2.70	1.58	0.939	0.685	0.546	0.462	0.309	0.253	0.131
1.65V/cell	6.39	4.78	2.78	1.62	0.958	0.698	0.556	0.469	0.313	0.256	0.133
1.60V/cell	6.59	4.91	2.84	1.65	0.972	0.706	0.562	0.475	0.318	0.259	0.134

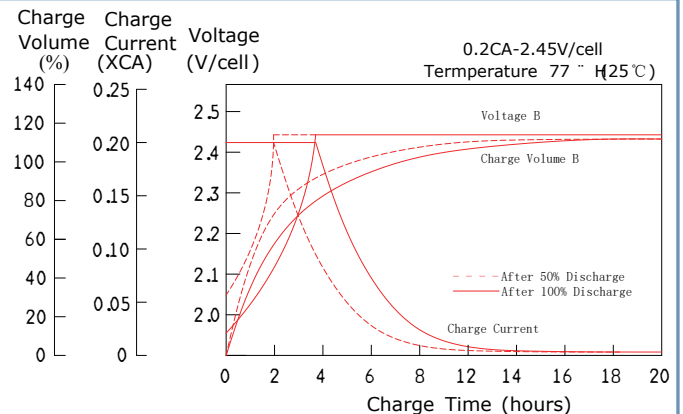
Constant Power Discharge(Watts/cell) at 25°C(77°F)

F.V/Time	10min	15min	30min	1H	2H	3H	4H	5H	8H	10H	20H
1.85V/cell	9.14	7.15	4.40	2.67	1.65	1.22	0.99	0.842	0.575	0.472	0.250
1.80V/cell	10.0	7.73	4.70	2.83	1.73	1.27	1.02	0.872	0.594	0.487	0.256
1.75V/cell	10.6	8.14	4.92	2.95	1.78	1.31	1.05	0.894	0.607	0.497	0.261
1.70V/cell	11.0	8.43	5.07	3.03	1.82	1.34	1.07	0.910	0.617	0.506	0.264
1.65V/cell	11.3	8.66	5.20	3.10	1.85	1.36	1.09	0.923	0.624	0.511	0.267
1.60V/cell	11.4	8.71	5.24	3.13	1.87	1.37	1.10	0.929	0.628	0.516	0.269

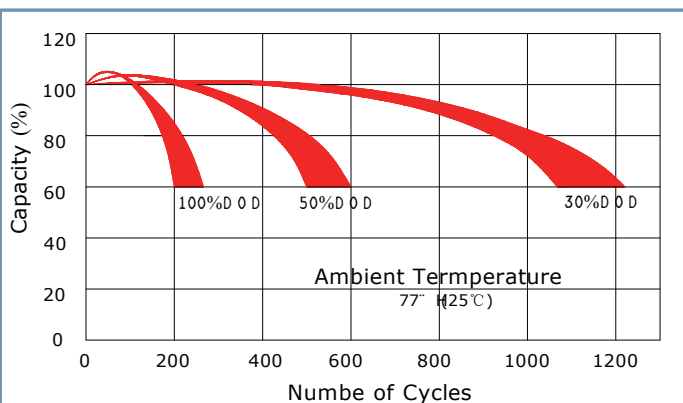
Discharge Characteristics



Float Charge Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics

