

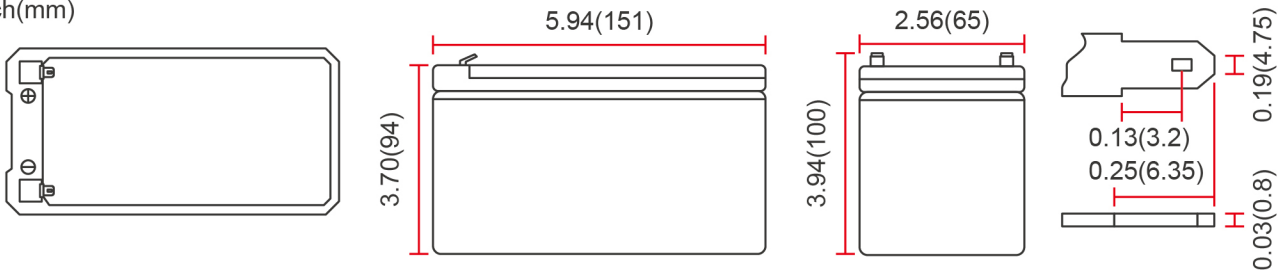
APB-1256



- > GEL Battery
- > High Rate Battery
- > Deep-Cycle Battery
- > Value Regulated Lead-Acid Battery
- > Maintenance Free Lead-Acid Battery
- > No Electrolyte Leakage
- > Ensure Safe and Efficient Operation

Dimension

Unit: inch(mm)



Specifications

Nominal Voltage	12V	
Rated Capacity (20hr Rate)	5.6Ah	
Dimensions	Length	5.94inches (151mm)
	Width	2.56inches (65mm)
	Height	3.70inches (94mm)
	Total Height	3.94inches (100mm)
Weight	Approx. 4.16lbs (1.89Kg)	

Characteristics

Capacity 77°F(25°C)	20hour rate (0.28A)	5.60Ah
	10hour rate (0.51A)	5.10Ah
	5hour rate (0.95A)	4.75Ah
	1hour rate (3.64A)	3.64Ah
Internal Resistance	Full Charged, 77°F(25°C)	35mΩ
Capacity Affected By Temperature(10hr Rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 9 month storage	60%
Charge(Constant Voltage)	Initial Charge Current "LESS" than 1.68A	
	Cycle	14.6-15.0V/77°F(25°C)
	Stand By	13.6-13.9V/77°F(25°C)

Applications



Uninterruptible Power Supply



Telecom



Emergency Lighting



Security System

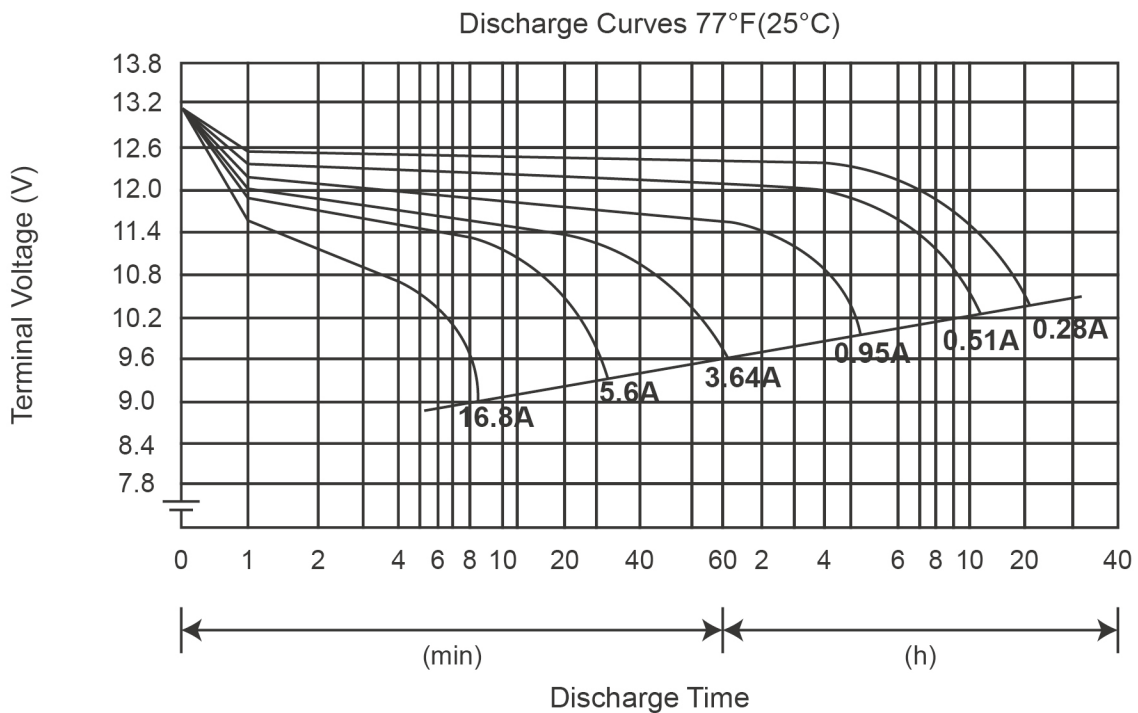
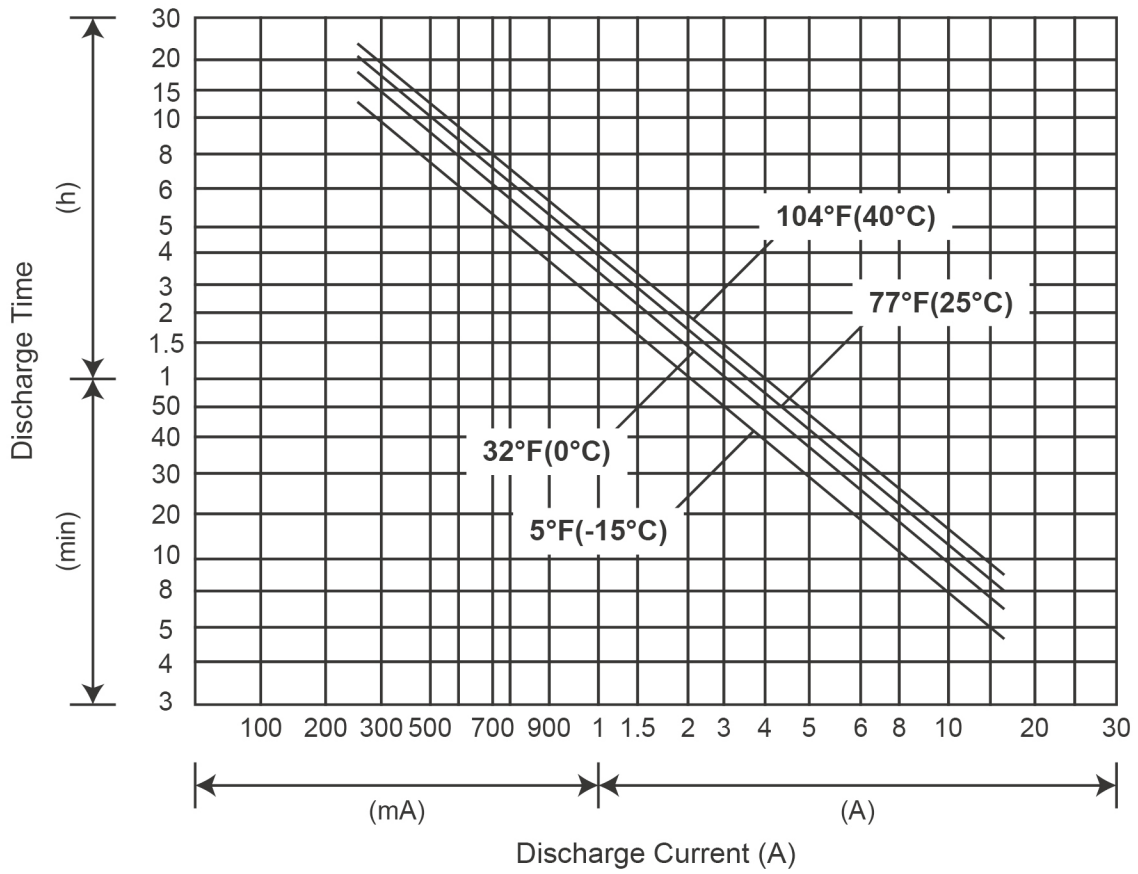


Instrumentation



Solar Powered System

Discharge Current and Discharge Duration Time



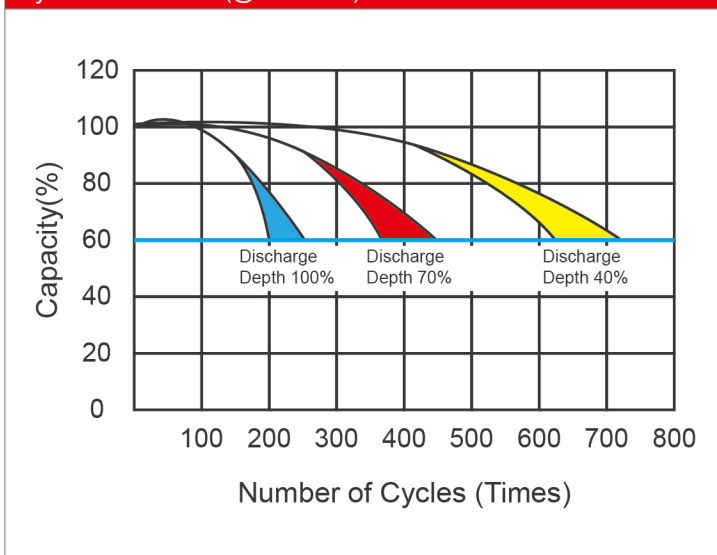
Constant Current Discharge Characteristics Unit:A(25°C,77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.6V	18.0	12.4	9.3	5.76	3.39	1.92	1.41	0.89	0.58	0.48	0.26
10.0V	16.7	11.7	8.9	5.54	3.35	1.88	1.38	0.88	0.57	0.47	0.26
10.2V	16.0	11.3	8.62	5.43	3.29	1.85	1.36	0.87	0.57	0.46	0.25
10.5V	14.7	10.7	8.2	5.25	3.22	1.82	1.34	0.86	0.56	0.46	0.25
10.8V	13.3	9.92	7.88	5.07	3.16	1.78	1.31	0.84	0.54	0.45	0.24
11.1V	11.6	8.93	7.23	4.85	3.05	1.75	1.26	0.82	0.53	0.44	0.23

Constant Power Discharge Characteristics Unit:W(25°C,77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.6V	194	137	108	65.8	38.4	21.7	15.9	10.4	6.7	5.4	2.9
10.0V	179	129	101	63.9	37.6	21.4	15.5	10.2	6.6	5.3	2.9
10.2V	170	125	98.3	62.9	37.2	21.2	15.3	10	6.5	5.3	2.8
10.5V	157	117	93	61	36.5	20.8	15	9.8	6.4	5.2	2.8
10.8V	141	107	87.3	58.5	35.6	20.3	14.6	9.6	6.2	5.0	2.7
11.1V	126	98	81.7	55.9	34.5	19.8	14.3	9.3	6	4.9	2.6

Cycle Service Life (@25°C/77°F)



Capacity Retention Characteristic

