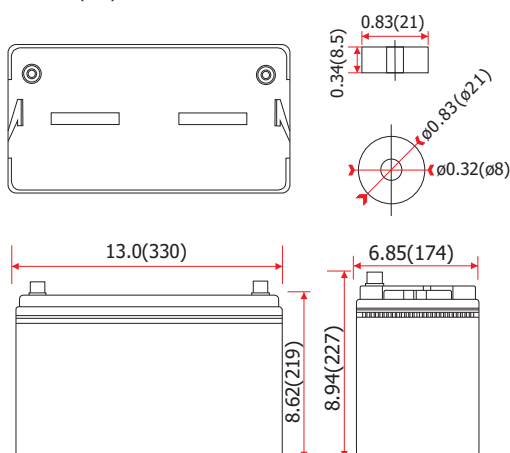


Unit: inch(mm)

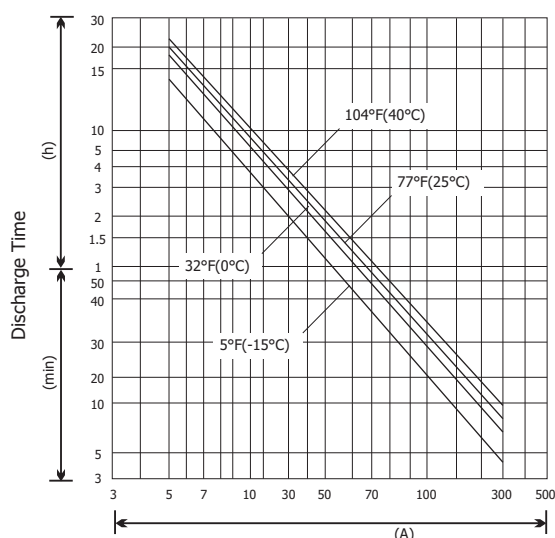


BK12-100

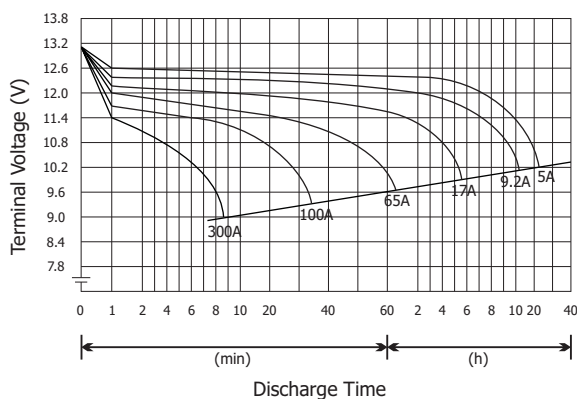
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■ Discharge Current and Discharge Duration Time



Discharge Curves 77°F(25°C)



■ Specification

Nominal Voltage		12V
Rated Capacity (20hr Rate)		100Ah
Dimensions	Length	13.0inches (330mm)
	Width	6.85inches (174mm)
	Height	8.62inches (219mm)
	Total Height	8.94inches (227mm)
Weight		Approx. 66.4lbs (30.1kg)
■ Characteristics		
Capacity 77°F(25°C)	20hour rate (5.0A)	100Ah
	10hour rate (9.2A)	92Ah
	5hour rate (17.0A)	85Ah
	1hour rate (65.0A)	65Ah
Internal Resistance	Full Charged, 77°F(25°C)	5mΩ
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 30A	
	Cycle	14.6-15.0V/77°F(25°C)
	Stand By	13.6-13.8V/77°F(25°C)

**These data are average values obtained from three Charge/Discharge cycles. Note: These are NOT minimum values.

BK12-100

GEL

12V100Ah



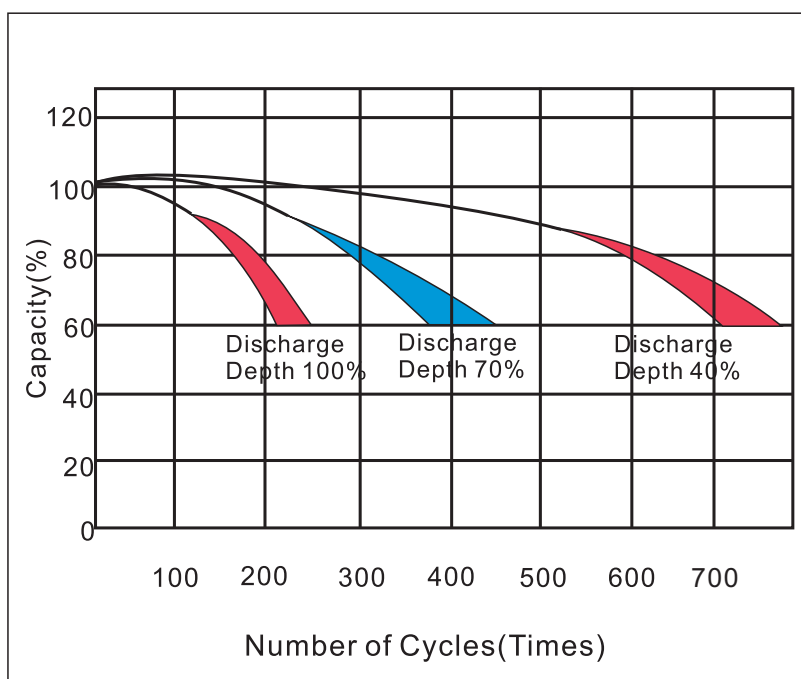
Constan Current Discharge Characteristics Unit:A(25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.6V	374	257	197	121	70.1	39.9	29	18.6	12.3	10.1	5.4
10.0V	346	242	187	117	68.8	39.2	28.6	18.3	12.1	9.94	5.3
10.2V	332	236	183	116	68.1	38.9	28.4	18.2	12	9.86	5.2
10.5V	305	222	175	113	66.8	38.4	27.9	17.9	11.8	9.72	5.1
10.8V	276	206	164	109	65.4	37.6	27.3	17.5	11.5	9.59	5
11.1V	242	185	152	103	63.5	36.6	26.5	17.1	11.3	9.4	4.8

Constan 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	4023	2838	2223	1366	802	459	335	216	143	117	61.1
10.0V	3690	2659	2094	1325	785	453	328	213	141	115	60.5
10.2V	3516	2578	2036	1306	778	449	325	211	140	114	60
10.5V	3242	2420	1931	1267	763	441	320	208	138	113	59.5
10.8V	2927	2228	1815	1218	746	432	313	203	135	111	58.9
11.1V	2601	2024	1698	1165	725	422	306	198	132	109	56.6

Cycle Service Life



Capacity Retention Characteristic

