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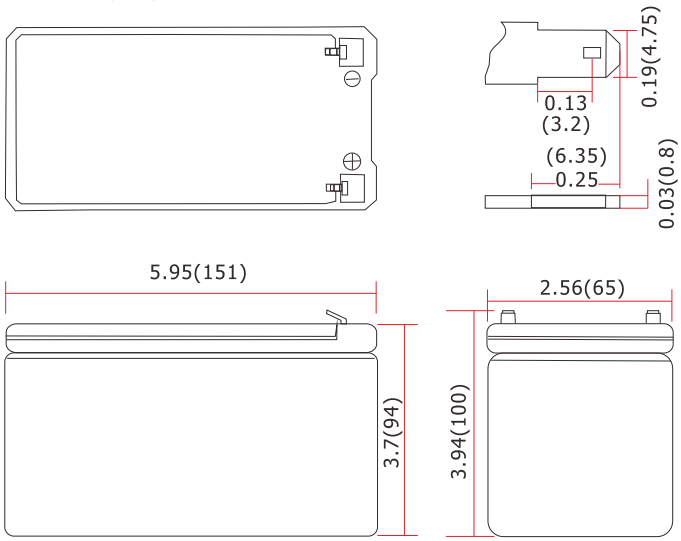
Sealed lead acid batteries

FB7.2-12

12V7.2Ah Lead Acid Battery

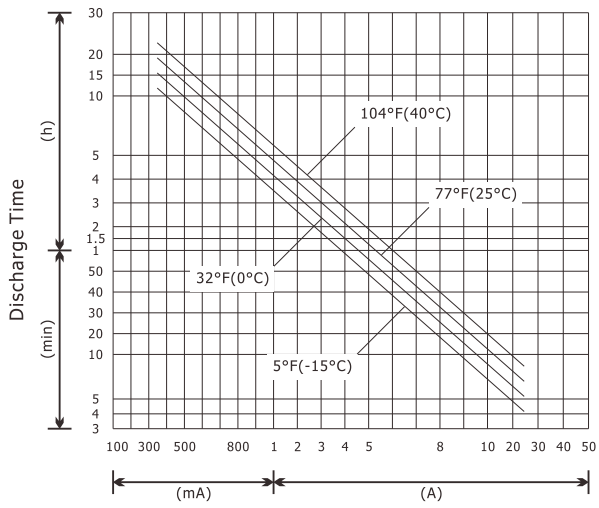
AGM-VRLA

Unit:inch(mm)

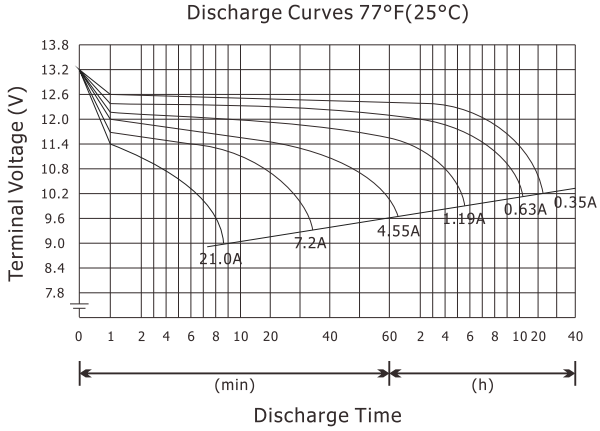




Discharge Current and Discharge Duration Time



Discharge Curves 77°F(25°C)



Specification

Nominal Voltage		12V
Rated Capacity (20hr Rate)		7.2Ah
Dimensions	Length	5.95inches (151mm)
	Width	2.56inches (65mm)
	Height	3.70inches (94mm)
	Total Height	3.94inches (100mm)
Weight		Approx. 4.52lbs (2.05kg)

Characteristics

Capacity 77°F(25°C)	20hour rate (0.36A)	7.20Ah
	10hour rate (0.64A)	6.40Ah
	5hour rate (1.19A)	6.00Ah
	1hour rate (4.55A)	4.60Ah
Internal Resistance	Full Charged, 77°F(25°C)	30mΩ
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	85%
	Capacity after 9 month storage	65%
Charge (Constant Voltage)	Initial Charge Current "LESS" than 2.16A	
	Cycle	14.4–15.0V/77°F(25°C)
	Stand By	13.5–13.8V/77°F(25°C)

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

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Sealed lead acid batteries

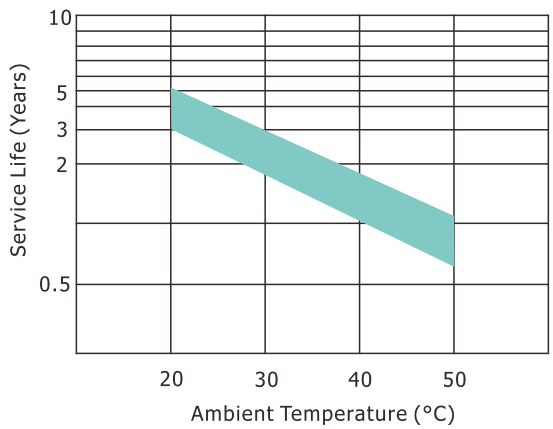
Constant Current Discharge Characteristics Unit: A (25°C / 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.6V	24.1	16.6	12.9	7.91	4.52	2.47	1.89	1.23	0.81	0.69	0.37
10.0V	23.3	16.1	12.5	7.76	4.48	2.42	1.86	1.21	0.80	0.68	0.36
10.2V	22.2	15.8	12.0	7.43	4.42	2.38	1.81	1.19	0.78	0.67	0.35
10.5V	20.1	15.1	11.8	7.28	4.31	2.32	1.77	1.16	0.76	0.66	0.34
10.8V	18.7	14.1	11.1	7.15	4.27	2.25	1.72	1.14	0.74	0.65	0.33
11.1V	16.4	12.5	10.3	6.95	4.15	2.18	1.66	1.12	0.73	0.64	0.32

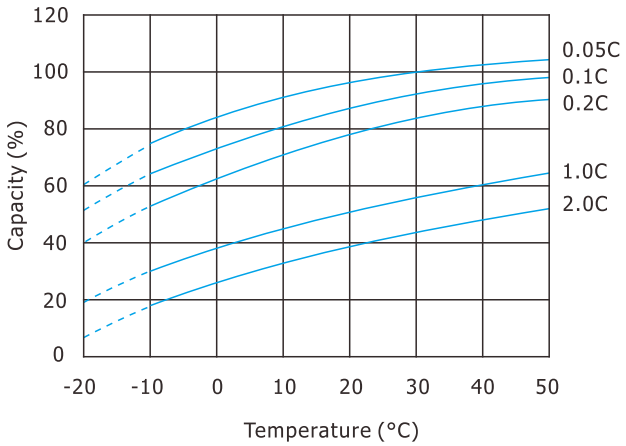
Constant Power Discharge Characteristics Unit: W (25°C / 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.6V	261	184	145	89.3	51.8	28.4	21.8	14.3	9.52	7.96	4.15
10.0V	248	176	140	87.9	51.0	27.9	21.4	14.1	9.38	7.82	4.11
10.2V	235	172	134	83.7	50.5	27.4	20.8	13.8	9.18	7.75	4.07
10.5V	213	164	130	81.7	49.5	26.6	20.3	13.5	8.97	7.68	4.04
10.8V	199	151	123	79.9	49.0	25.9	19.7	13.2	8.76	7.54	4.01
11.1V	176	137	115	78.6	47.4	25.1	19.1	12.9	8.62	7.41	3.87

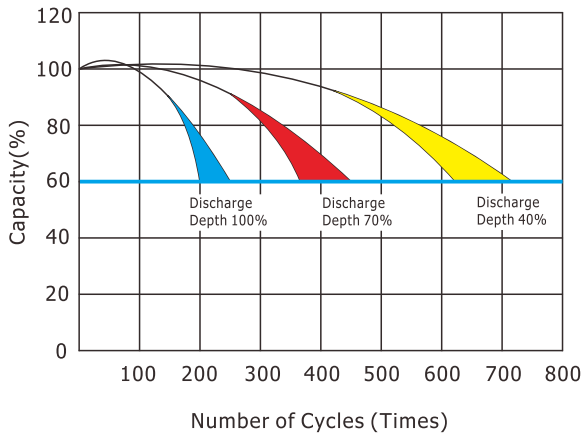
Trickle / Float Service Life



Effect of Temperature on Capacity



Cycle Service Life (@25°C/77°F)



Capacity Retention Characteristic

