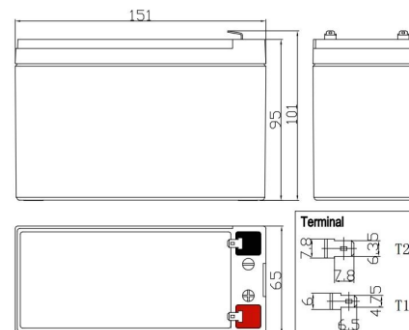


BA09-2

12V 8.0Ah GEL Battery



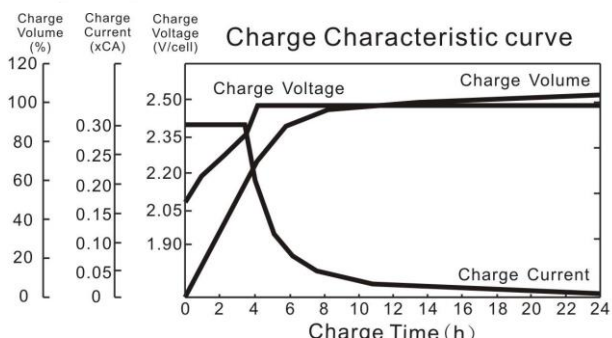
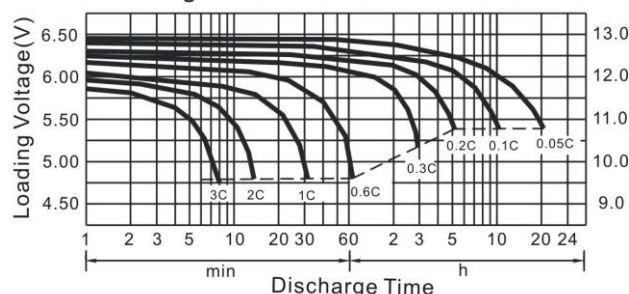
Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		8.0Ah
Dimensions (mm/inch)	Length	151 (5.95)
	Width	65 (2.56)
	Height	95 (3.74)
	Total Height	101 (3.98)
Approx. Weight (kg/lbs)		2.45 (5.40)
Terminal		T1/T2

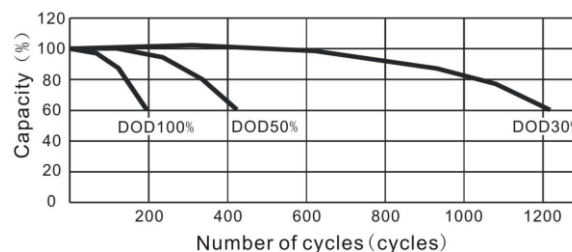
Characteristic

Capacity 77°F(25°C)	20HR (0.400A)	8.00Ah
	10HR (0.744A)	7.44Ah
	5HR (1.36A)	6.80Ah
	1HR (4.88A)	4.88Ah
	15 min rate (14.8A)	3.70Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 20mΩ
Temperature dependence of capacity (20HR)	104°F(40°C)	105%
	77°F(25°C)	100%
	32°F(0°C)	85%
	-4°F(-20°C)	60%
Self-Discharge 68°F(20°C) (Capacity after)	3 months	90%
	6 months	80%
	12 months	60%
Max. Discharge Current, 77°F(25°C)		120A(5s)
Floating design life, 77°F(25°C)		6 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 2.4A
	Float	13.6~13.8V(-18mV/°C)

Discharge Characteristics 77°F (25°C)



Cycle service life in relation to depth of discharge



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

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	30.4	19.20	14.80	8.00	5.06	2.86	2.09	1.408	0.936	0.768	0.412
1.70V/cell	28.9	18.24	14.14	7.65	4.88	2.74	2.04	1.384	0.928	0.760	0.408
1.75V/cell	28.3	17.84	13.88	7.49	4.79	2.70	2.00	1.360	0.912	0.744	0.404
1.80V/cell	27.8	17.44	13.63	7.34	4.71	2.65	1.97	1.336	0.904	0.736	0.400

Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	55.2	35.20	27.38	14.94	9.54	5.42	4.00	2.720	1.832	1.512	0.816
1.70V/cell	53.0	33.76	26.38	14.40	9.27	5.26	3.94	2.696	1.824	1.504	0.808
1.75V/cell	52.4	33.28	26.14	14.22	9.18	5.22	3.90	2.672	1.808	1.488	0.804
1.80V/cell	51.8	32.88	25.90	14.08	9.11	5.16	3.87	2.648	1.792	1.472	0.800