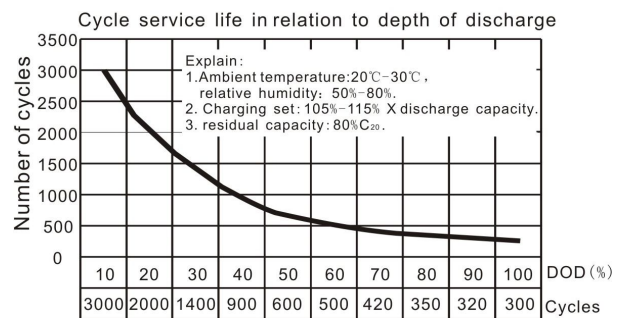
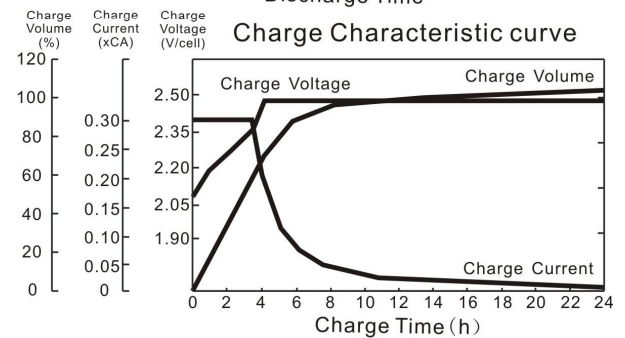
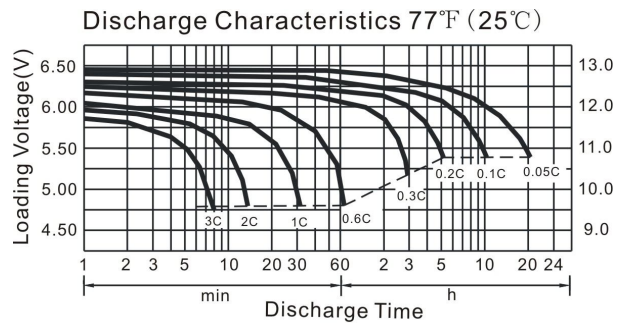


● Specifications

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)		2.48 (5.47)
Terminal		T1/T2

● Characteristic

Capacity 77°F(25°C)	20HR (0.418A)	8.36Ah
	10HR (0.760A)	7.60Ah
	5HR (1.40A)	7.00Ah
	1HR (4.95A)	4.95Ah
	15 min rate (14.8A)	3.70Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 18mΩ
Temperature dependence of capacity (20HR)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
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)
Design life for deep cycle(DOD80%), 77°F(25°C)		300 Cycles
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 2.4 A
	Float	13.6~13.8V(-18mV/°C)



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	5.23	2.91	2.16	1.452	0.956	0.784	0.424
1.70V/cell	28.9	18.24	14.14	7.65	5.04	2.80	2.12	1.428	0.944	0.776	0.420
1.75V/cell	28.3	17.84	13.88	7.49	4.95	2.74	2.08	1.400	0.928	0.760	0.418
1.80V/cell	27.8	17.44	13.63	7.34	4.86	2.70	2.01	1.376	0.915	0.752	0.416

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	9.84	5.52	4.13	2.808	1.864	1.544	0.840
1.70V/cell	53.0	33.76	26.38	14.40	9.58	5.37	4.10	2.784	1.856	1.540	0.836
1.75V/cell	52.4	33.28	26.14	14.22	9.49	5.31	4.06	2.752	1.840	1.520	0.833
1.80V/cell	51.8	32.88	25.90	14.08	9.40	5.27	4.02	2.728	1.816	1.504	0.832