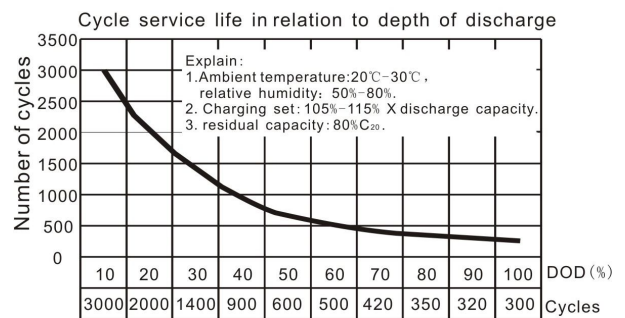
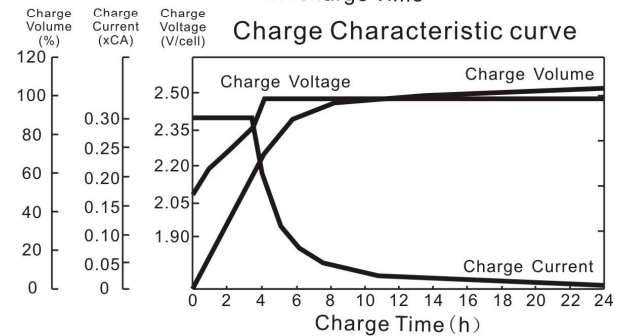
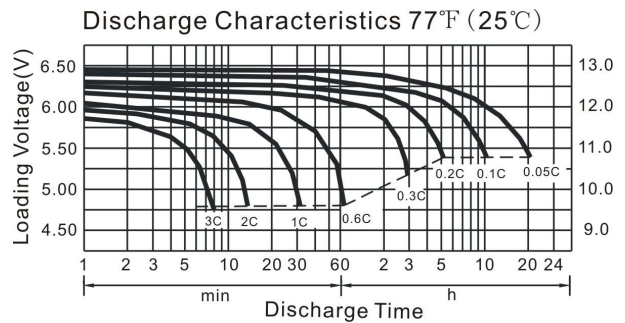


● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		7.5Ah
Dimensions (mm/inch)	Length	151 (5.95)
	Width	65 (2.56)
	Height	95 (3.74)
	Total Height	101 (3.98)
Approx. Weight (kg/lbs)		2.44 (5.38)
Terminal		T1/T2

● Characteristic

Capacity 77°F(25°C)	20HR (0.392A)	7.84Ah
	10HR (0.713A)	7.13Ah
	5HR (1.313A)	6.56Ah
	1HR (4.640A)	4.64Ah
	15 min rate (13.88A)	3.47Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 22mΩ
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)		113A(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: 2.25 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	28.50	18.00	13.88	7.50	4.90	2.73	2.03	1.361	0.896	0.735	0.398
1.70V/cell	27.08	17.10	13.25	7.17	4.73	2.63	1.99	1.339	0.885	0.728	0.394
1.75V/cell	26.55	16.73	13.01	7.02	4.64	2.58	1.95	1.313	0.870	0.713	0.392
1.80V/cell	26.03	16.35	12.78	6.89	4.56	2.53	1.92	1.290	0.859	0.705	0.390

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	51.75	33.00	25.67	14.00	9.23	5.18	3.88	2.632	1.748	1.448	0.788
1.70V/cell	49.65	31.65	24.74	13.50	8.98	5.03	3.84	2.610	1.740	1.444	0.784
1.75V/cell	49.13	31.20	24.51	13.34	8.89	4.98	3.80	2.580	1.725	1.425	0.782
1.80V/cell	48.60	30.83	24.29	13.20	8.82	4.93	3.77	2.557	1.703	1.410	0.780