

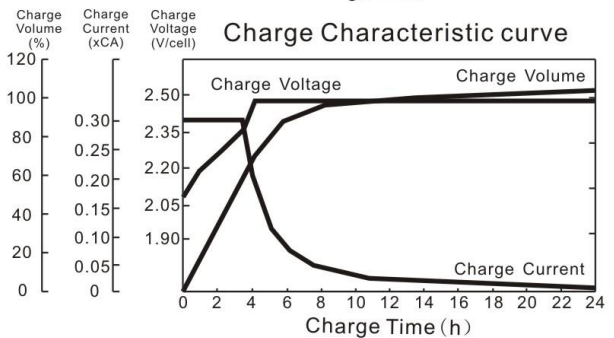
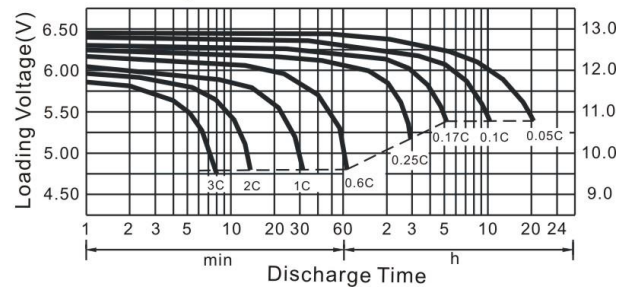
Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		7.5Ah
Dimensions (mm)	Length	151±2
	Width	65±1.5
	Height	95±1.5
	Total Height	101±2
Approx. Weight (kg)		2.25
Terminal		T1/T2

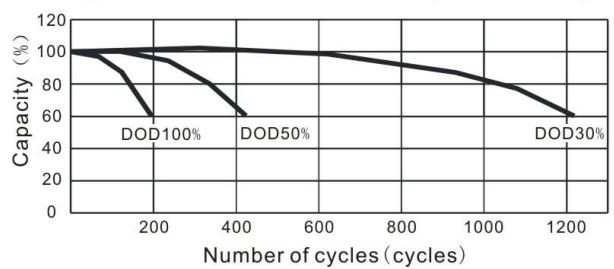
Characteristic

Capacity 77°F(25°C)	20HR (0.375A)	7.50Ah
	10HR (0.698A)	6.98Ah
	5HR (1.275A)	6.38Ah
	1HR (4.575A)	4.58Ah
	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)
Floating design life, 77°F(25°C)		5 years
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)

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	28.50	18.00	13.88	7.50	4.75	2.68	1.96	1.320	0.882	0.720	0.386
1.70V/cell	27.08	17.10	13.25	7.17	4.58	2.57	1.91	1.298	0.870	0.713	0.383
1.75V/cell	26.55	16.73	13.01	7.02	4.49	2.53	1.88	1.275	0.855	0.698	0.379
1.80V/cell	26.03	16.35	12.78	6.89	4.42	2.48	1.85	1.253	0.848	0.690	0.375

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	8.94	5.09	3.75	2.550	1.718	1.418	0.765
1.70V/cell	49.65	31.65	24.74	13.50	8.69	4.93	3.70	2.528	1.710	1.410	0.758
1.75V/cell	49.13	31.20	24.51	13.34	8.61	4.89	3.66	2.505	1.695	1.395	0.754
1.80V/cell	48.60	30.83	24.29	13.20	8.54	4.84	3.63	2.483	1.680	1.380	0.750