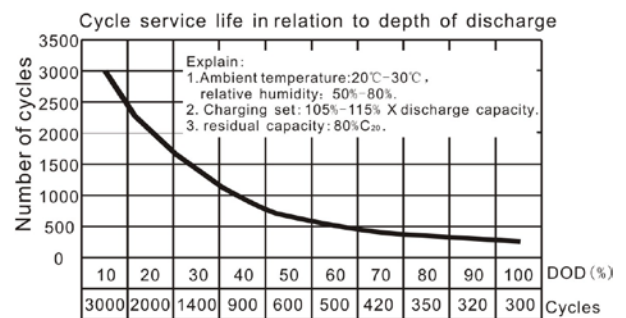
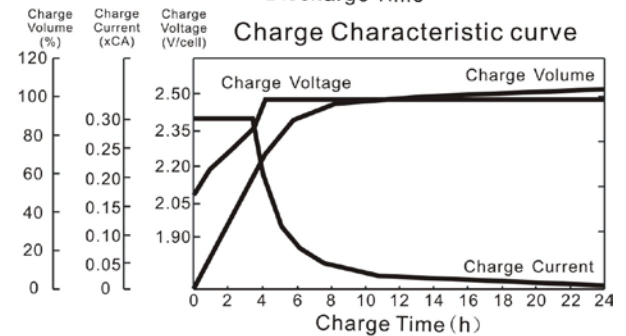
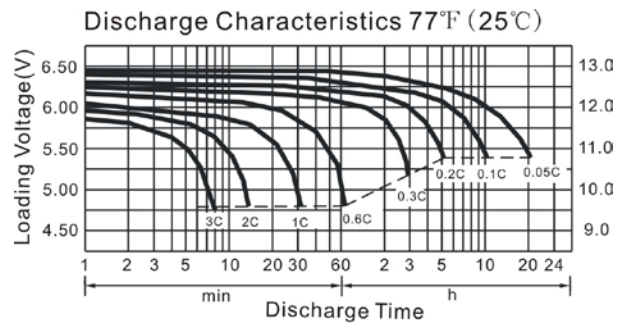


Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		12.0Ah
Dimensions (mm/inch)	Length	151 (5.95)
	Width	98 (3.86)
	Height	95 (3.74)
	Total Height	101 (3.98)
Approx. Weight (kg/lbs)		3.8 (8.38)
Terminal		T1/T2

Characteristic

Capacity 77°F(25°C)	20HR (0.627A)	12.5Ah
	10HR (1.140A)	11.4Ah
	5HR (2.100A)	10.5Ah
	1HR (7.42A)	7.4Ah
	15 min rate (22.2A)	5.6Ah
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)		180A(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: 3.6A
	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	45.6	28.8	22.20	12.00	7.84	4.36	3.24	2.178	1.434	1.176	0.636
1.70V/cell	43.3	27.4	21.20	11.47	7.56	4.20	3.18	2.142	1.416	1.164	0.630
1.75V/cell	42.5	26.8	20.82	11.23	7.42	4.12	3.12	2.100	1.392	1.140	0.627
1.80V/cell	41.6	26.2	20.45	11.02	7.29	4.05	3.06	2.064	1.374	1.128	0.624

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	82.8	52.8	41.08	22.40	14.76	8.28	6.21	4.212	2.796	2.316	1.260
1.70V/cell	79.4	50.6	39.58	21.60	14.36	8.05	6.15	4.176	2.784	2.310	1.254
1.75V/cell	78.6	49.9	39.22	21.34	14.23	7.97	6.08	4.128	2.760	2.280	1.251
1.80V/cell	77.8	49.3	38.86	21.12	14.10	7.89	6.03	4.092	2.724	2.256	1.248