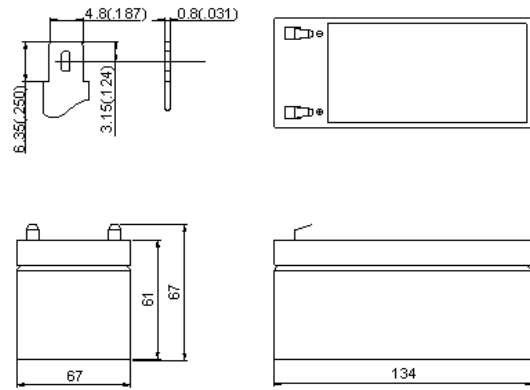


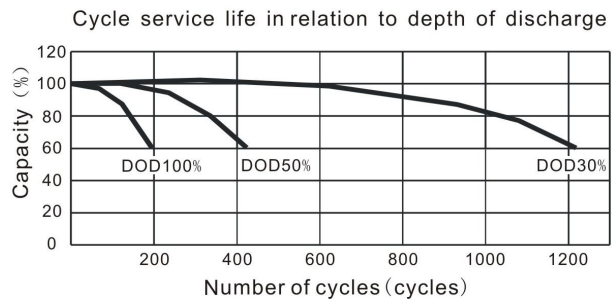
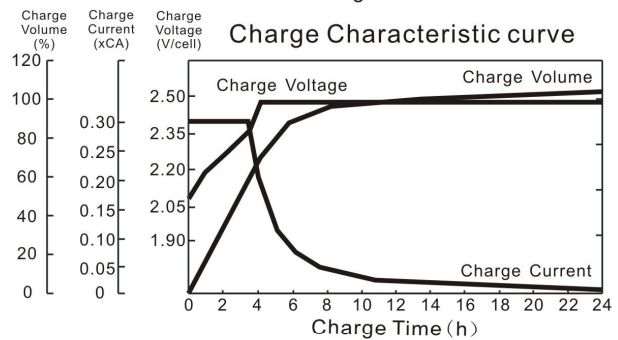
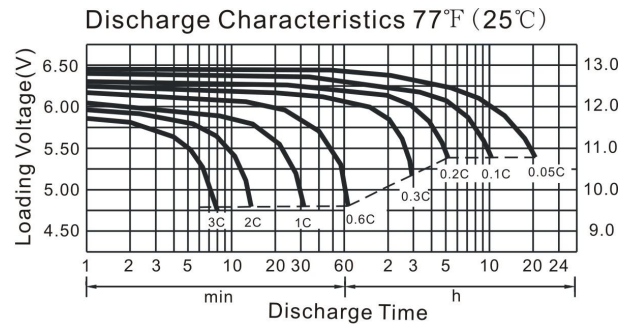


Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		3.2Ah
Dimensions (mm/inch)	Length	134 (5.28)
	Width	67 (2.64)
	Height	61 (2.40)
	Total Height	67 (2.64)
Approx. Weight (kg/lbs)		1.4 (0.635)
Terminal		T1

Characteristic

Capacity 77°F(25°C)	20HR (0.160A)	3.20Ah
	10HR (0.298A)	2.98Ah
	5HR (0.544A)	2.72Ah
	1HR (1.952A)	1.95Ah
	15 min rate (5.92A)	5.92Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 45mΩ
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)		48A(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: 0.96A
	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	12.16	7.68	5.92	3.20	2.02	1.14	0.84	0.563	0.374	0.307	0.165
1.70V/cell	11.59	7.30	5.66	3.06	1.95	1.10	0.82	0.554	0.371	0.304	0.163
1.75V/cell	11.32	7.14	5.55	3.00	1.92	1.08	0.80	0.544	0.365	0.298	0.162
1.80V/cell	11.12	6.98	5.46	2.94	1.89	1.06	0.79	0.534	0.362	0.294	0.160

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	22.08	14.08	10.95	5.97	3.81	2.16	1.60	1.088	0.733	0.605	0.326
1.70V/cell	21.20	13.50	10.55	5.76	3.71	2.10	1.58	1.078	0.730	0.602	0.324
1.75V/cell	20.96	13.31	10.46	5.69	3.67	2.09	1.56	1.069	0.723	0.595	0.322
1.80V/cell	20.72	13.15	10.36	5.63	3.65	2.06	1.55	1.059	0.717	0.589	0.320