

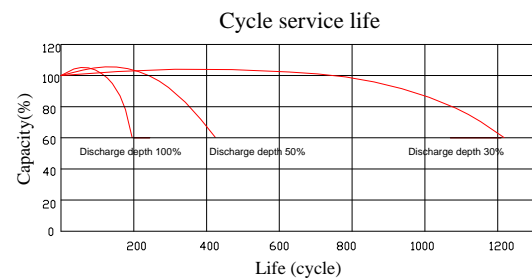
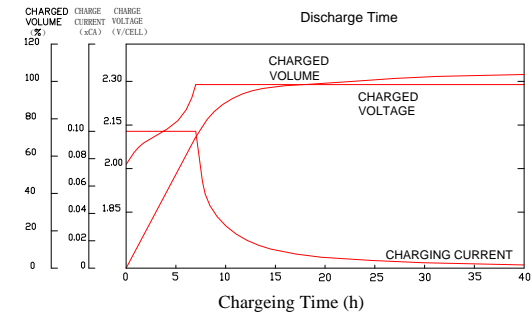
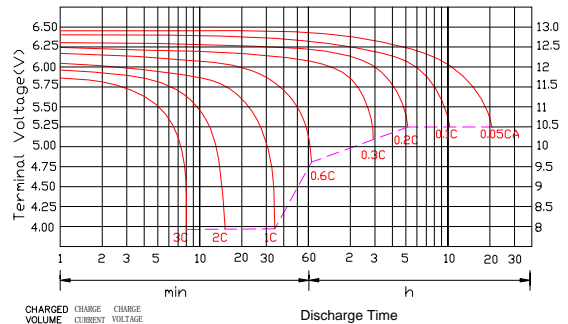
● Specifications

Nominal Voltage		12V
Rated Capacity		4.5Ah
Dimensions	Total Height	4.21 inches (107mm)
	Height	3.98 inches (101mm)
	Length	3.54 inches (90mm)
	Width	2.76 inches (70mm)
Approximate Weight		3.48 lbs. (1.58kg)

● Characteristic

Capacity 77°F(25°C)	20h rate	4.5Ah
	10h rate	4.14Ah
	5h rate	3.83Ah
	1h rate	2.70Ah
	15 min rate	2.03Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 40m Ω
Capacity Affected by Temperature (20h rate)	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 month storage	90%
	6 month storage	80%
	12 month storage	60%
Max. Discharge Current 77°F(25°C)	67.5A(5s)	
Terminal	T1	
Charge (Constant Voltage, 25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 1.35A
	Float	13.6~13.8V(-18mV/°C)

DISCHARGE CHARACTERISTICS AT 25° C (77° F)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	16.2	10.8	8.80	4.80	3.10	1.12	0.76	0.45	0.23
10.2V	15.4	10.3	8.45	4.65	3.02	1.10	0.75	0.45	0.23
10.5V	14.5	9.6	8.03	4.47	2.92	1.06	0.74	0.44	0.22

Constant Wattage Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	181	122	100	55.0	35.9	13.3	9.07	5.36	2.68
10.2V	172	116	96.3	53.3	35.0	13.1	8.96	5.31	2.66
10.5V	162	109	91.5	51.2	33.8	12.6	8.84	6.31	2.64