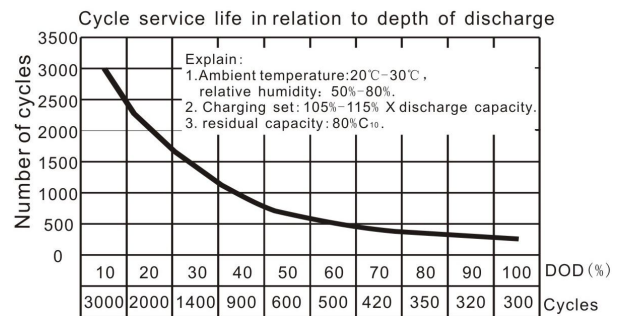
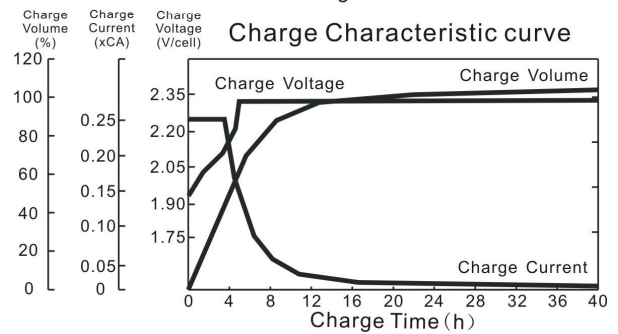
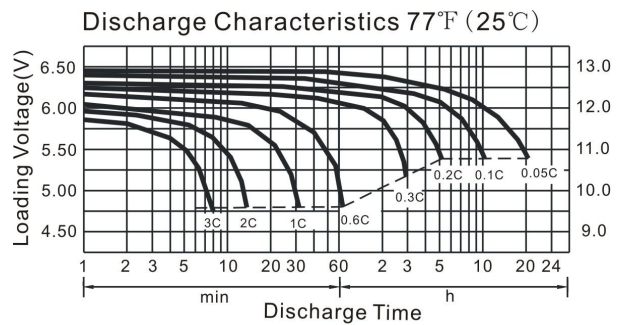


● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		42.0Ah
Dimensions (mm/inch)	Length	197 (7.76)
	Width	165 (6.50)
	Height	170 (6.69)
	Total Height	170 (6.69)
Approx. Weight (kg/lbs)		14.3 (31.53)
Terminal		T4/T11

● Characteristic

Capacity 77°F(25°C)	20HR (2.31A)	46.2Ah
	10HR (4.28A)	42.8Ah
	5HR (7.35A)	36.7Ah
	1HR (24.3A)	24.3Ah
	15 min rate (73.5A)	18.4Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 9.5mΩ
Temperature dependence of capacity (10HR)	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)		420A(5s)
Design life for deep cycle(DOD80%), 77°F(25°C)		300 Cycles
Constant Voltage Charge, 77°F(25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 10.5 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	142.8	92.4	73.5	42.0	25.35	15.73	11.78	7.76	5.13	4.47	2.37
1.70V/cell	135.6	87.8	70.2	40.1	24.80	15.41	11.54	7.62	5.06	4.41	2.35
1.75V/cell	129.4	82.3	79.1	39.3	24.36	15.12	11.33	7.47	4.98	4.34	2.33
1.80V/cell	121.4	76.0	76.7	38.6	23.96	14.85	11.13	7.35	4.91	4.28	2.31

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	253.4	167.9	134.7	77.3	46.90	29.36	22.18	14.75	9.83	8.72	4.65
1.70V/cell	243.1	134.1	129.8	74.6	46.29	29.02	21.93	14.60	9.78	8.67	4.64
1.75V/cell	233.9	152.3	128.6	73.7	45.87	28.73	21.72	14.46	9.72	8.62	4.63
1.80V/cell	184.6	141.9	127.5	72.9	45.53	28.47	21.51	14.33	9.66	8.57	4.62